

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070608.D
 Acq On : 13 Jan 2022 13:42
 Operator : JC/MD
 Sample : N1150-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220112014-02-VOA

Quant Time: Jan 14 04:53:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	767558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1278330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1148572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	438235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	566087	51.294	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.580%	
35) Dibromofluoromethane	8.021	113	400808	51.821	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.640%	
50) Toluene-d8	10.440	98	1569551	49.675	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.731	95	608880	53.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.700%	

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	2525	0.213	ug/l	93
5) Bromomethane	2.861	94	1158	0.208	ug/l	83
8) Diethyl Ether	3.824	74	11978	2.094	ug/l	81
11) Tert butyl alcohol	5.374	59	5330360	2900.794	ug/l	98
13) Acrolein	4.044	56	817	0.548	ug/l	96
14) Allyl chloride	4.797	41	27493	1.551	ug/l #	29
15) Acrylonitrile	5.374	53	56613	9.873	ug/l #	25
16) Acetone	4.293	43	21159	2.953	ug/l #	88
18) Methyl Acetate	4.862	43	12741	0.615	ug/l #	72
19) Methyl tert-butyl Ether	5.618	73	74196	2.556	ug/l	95
25) 2-Butanone	7.319	43	314239	34.836	ug/l #	72
26) 2,2-Dichloropropane	7.316	77	380746	26.964	ug/l #	52
29) Tetrahydrofuran	7.686	42	1281430	238.099	ug/l	87
30) Chloroform	7.817	83	5862	0.339	ug/l	95
31) Cyclohexane	8.080	56	17370	0.997	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	60913	4.761	ug/l #	49
37) Ethyl Acetate	7.319	43	314239	18.947	ug/l #	1
38) Carbon Tetrachloride	8.086	117	75576	6.186	ug/l #	17
40) Benzene	8.456	78	39391	1.004	ug/l	96
41) Methacrylonitrile	7.686	41	699068	84.271	ug/l #	36
42) 1,2-Dichloroethane	8.523	62	3116	0.211	ug/l	85
43) Isopropyl Acetate	8.531	43	41580	1.590	ug/l #	60
49) 1,4-Dioxane	9.566	88	17743	97.182	ug/l #	63
51) 4-Methyl-2-Pentanone	10.330	43	84508	5.143	ug/l	92
52) Toluene	10.505	92	16873	0.711	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.043	63	967	18.739	ug/l #	50
59) 2-Hexanone	11.181	43	7841	0.654	ug/l	92
65) Chlorobenzene	11.768	112	14473	0.594	ug/l	99
68) m/p-Xylenes	11.948	106	35528	2.186	ug/l	96
69) o-Xylene	12.280	106	26158	1.618	ug/l	88
74) N-amyl acetate	12.382	43	3756	0.220	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.833	83	1739	0.564	ug/l #	51
76) 1,2,3-Trichloropropane	12.731	75	315962	25.756	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.055	105	8703	0.267	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.731	75	315962	88.088	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.366	105	27122	0.864	ug/l	98

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

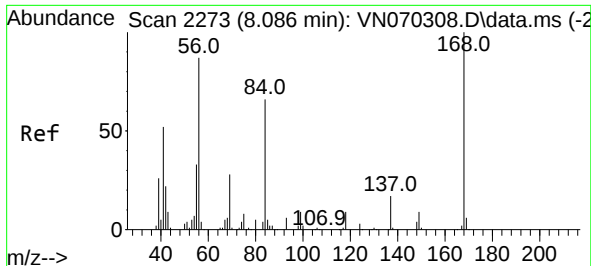
Instrument :
 MSVOA_N
 ClientSampleId :
 220112014-02-VOA

Quant Time: Jan 14 04:53:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

86) p-Isopropyltoluene	13.616	119	8307	0.271	ug/l	94
87) 1,3-Dichlorobenzene	13.694	146	45770	2.926	ug/l	87
88) 1,4-Dichlorobenzene	13.694	146	45770	2.967	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	5610	0.366	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.595	75	1125	0.477	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	4161	0.576	ug/l	94
95) Naphthalene	15.507	128	31808	3.333	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	5259	1.574	ug/l	89

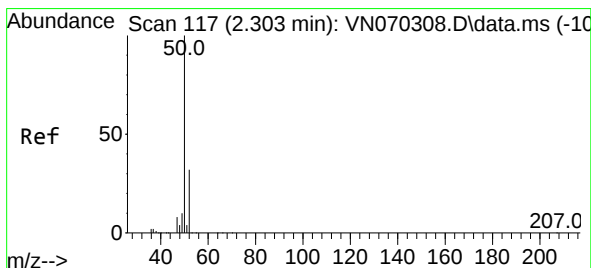
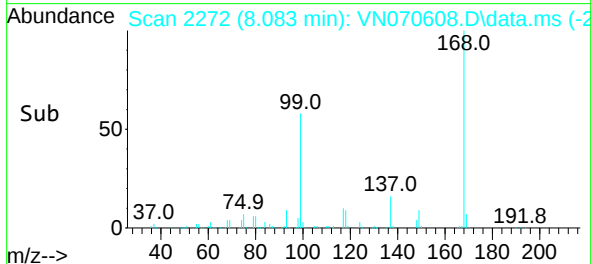
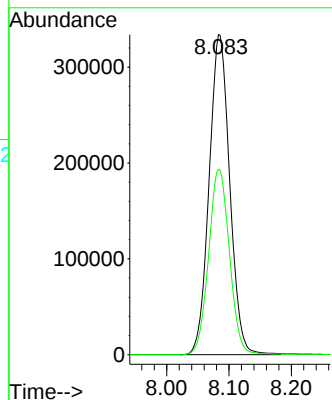
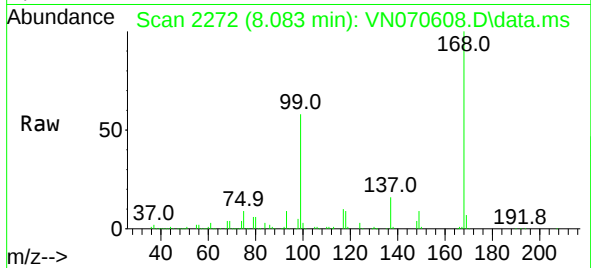
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

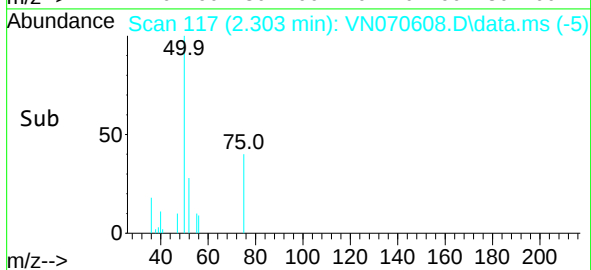
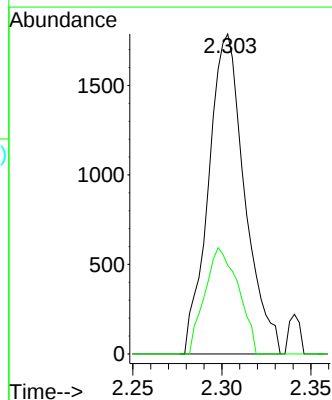
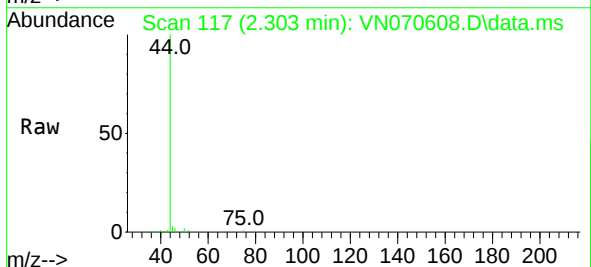
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

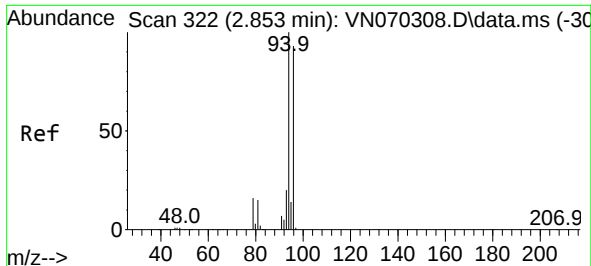
Tgt Ion:168 Resp: 767558
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#3
Chloromethane
Concen: 0.213 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 50 Resp: 2525
Ion Ratio Lower Upper
50 100
52 27.7 25.4 38.0

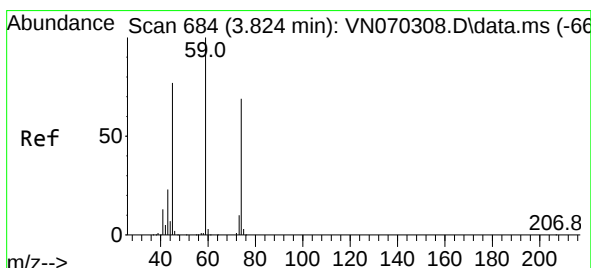
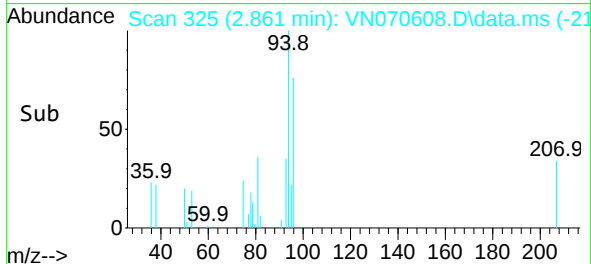
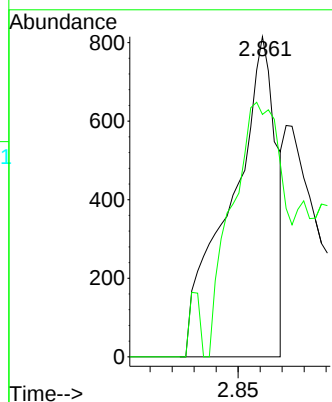
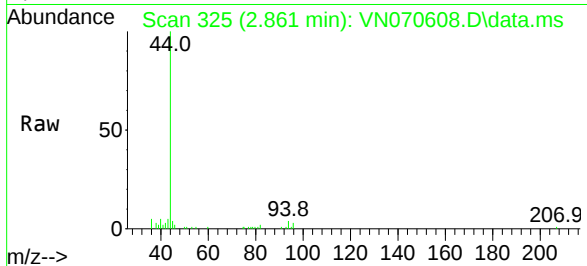




#5
Bromomethane
Concen: 0.208 ug/l
RT: 2.861 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

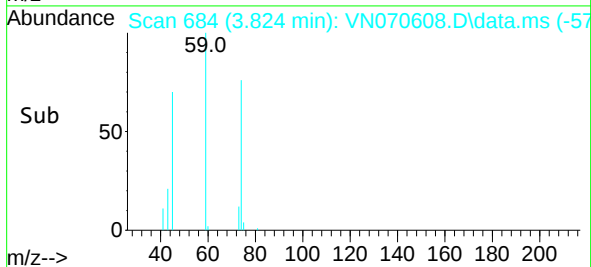
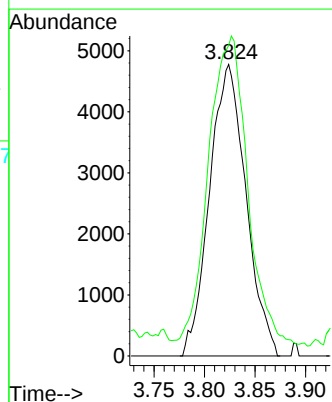
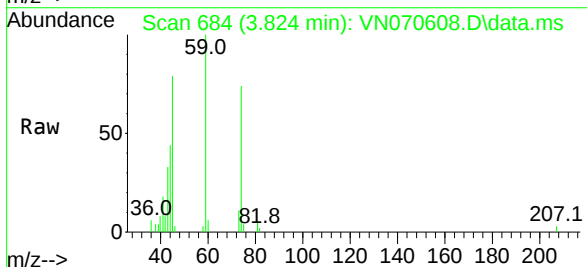
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MSVOA_N
ClientSampleId :
220112014-02-VOA

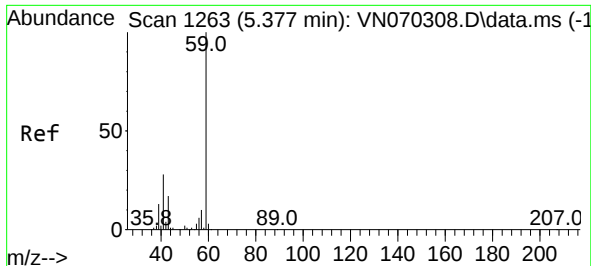
Tgt Ion: 94 Resp: 1158
Ion Ratio Lower Upper
94 100
96 75.7 73.8 110.8



#8
Diethyl Ether
Concen: 2.094 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 74 Resp: 11978
Ion Ratio Lower Upper
74 100
45 112.8 47.0 141.2

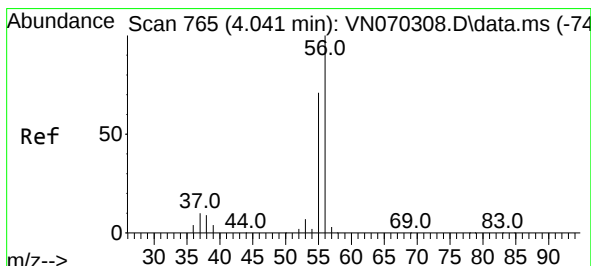
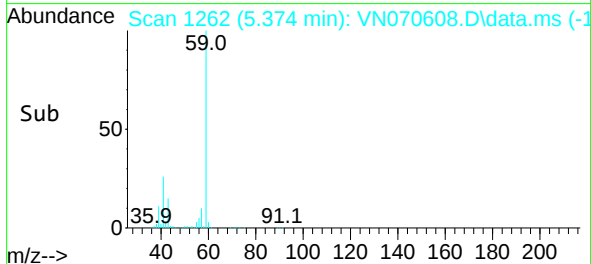
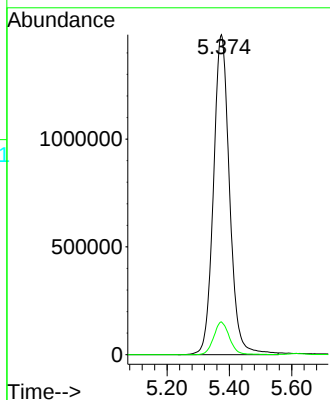
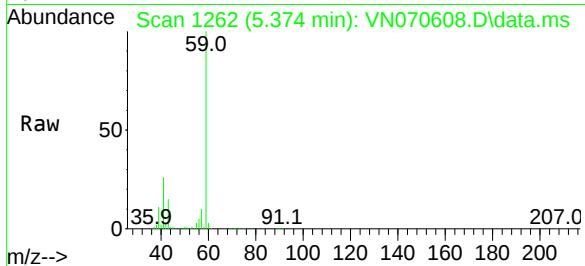




#11
Tert butyl alcohol
Concen: 2900.794 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

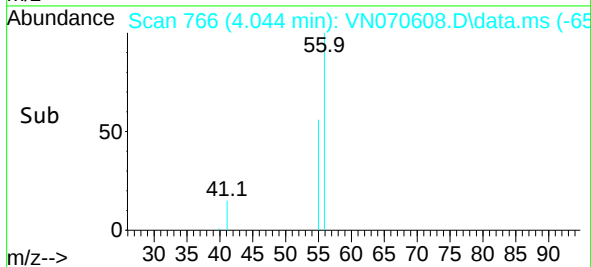
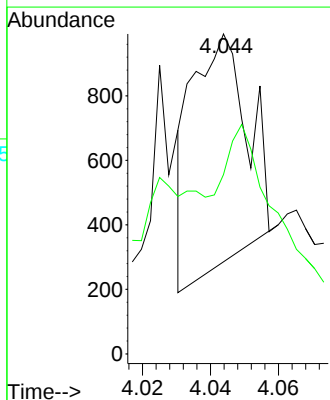
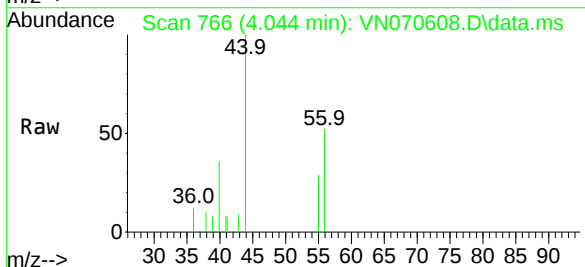
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

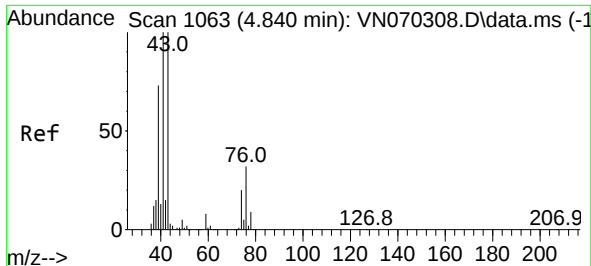
Tgt Ion: 59 Resp: 5330360
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1



#13
Acrolein
Concen: 0.548 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 56 Resp: 817
Ion Ratio Lower Upper
56 100
55 67.8 56.6 85.0





#14

Allyl chloride

Concen: 1.551 ug/l

RT: 4.797 min Scan# 1047

Delta R.T. -0.043 min

Lab File: VN070608.D

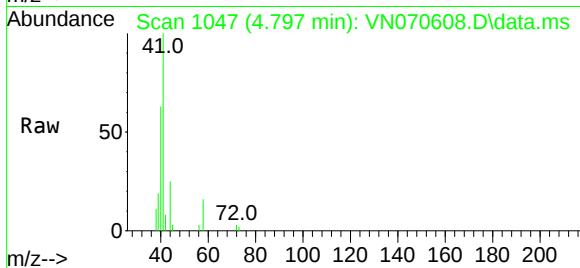
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Instrument :

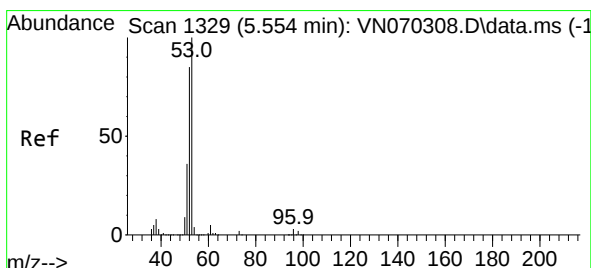
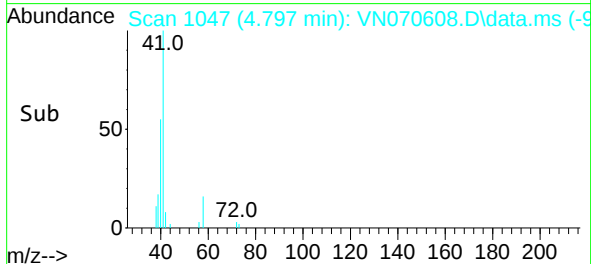
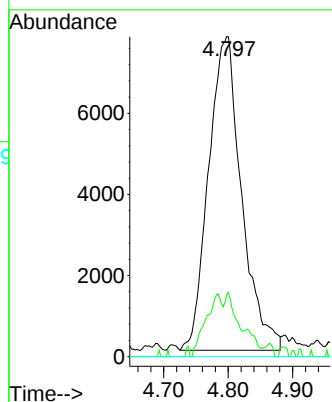
MSVOA_N

ClientSampleId :

220112014-02-VOA



Tgt Ion:	41	Resp:	27493
Ion	Ratio	Lower	Upper
41	100		
39	10.2	61.2	91.8#
76	0.0	26.0	39.0#



#15

Acrylonitrile

Concen: 9.873 ug/l

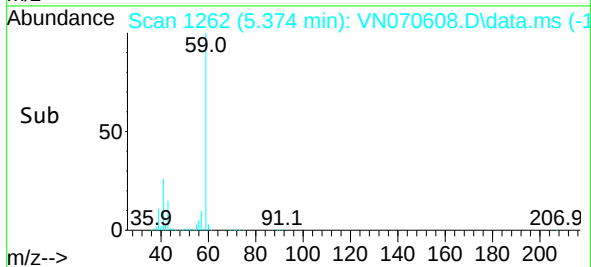
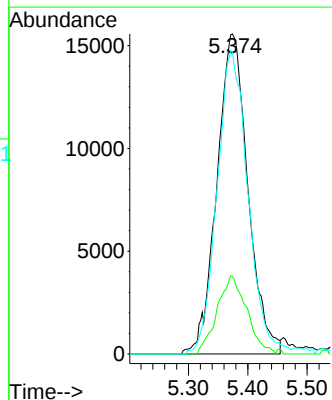
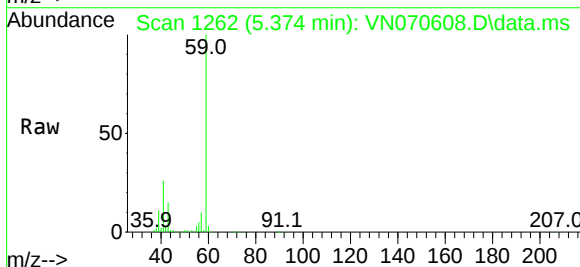
RT: 5.374 min Scan# 1262

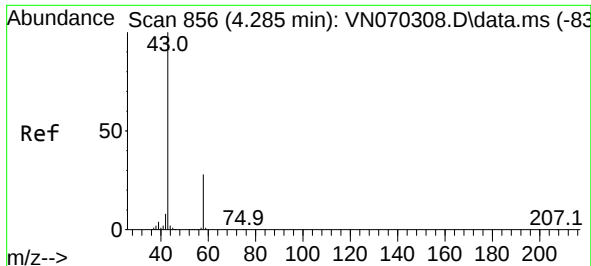
Delta R.T. -0.180 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

Tgt Ion:	53	Resp:	56613
Ion	Ratio	Lower	Upper
53	100		
52	23.2	66.2	99.2#
51	94.2	29.6	44.4#

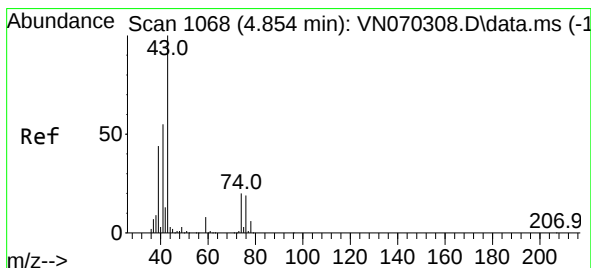
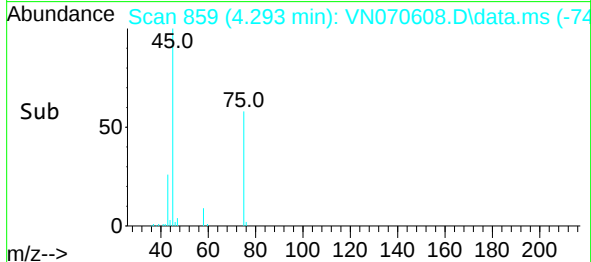
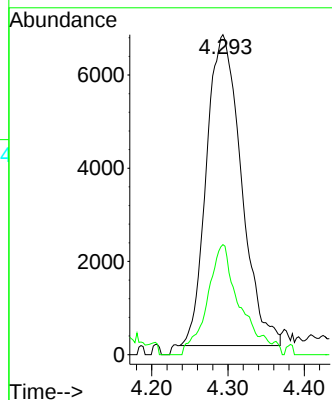
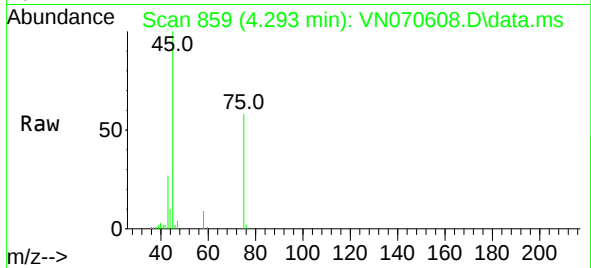




#16
Acetone
Concen: 2.953 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

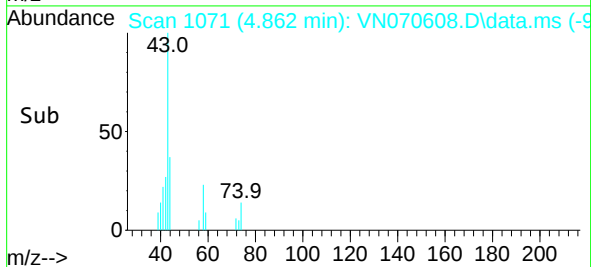
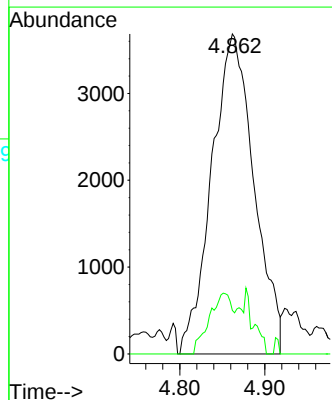
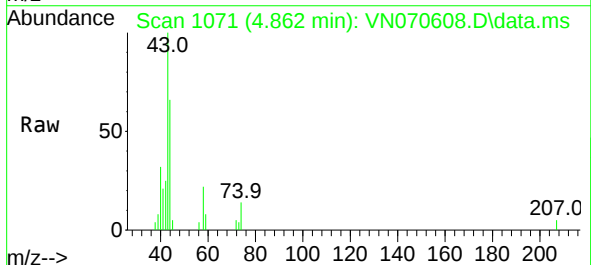
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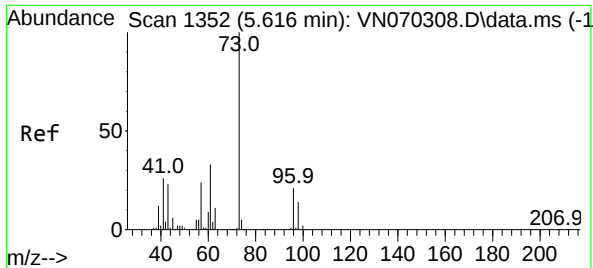
Tgt Ion: 43 Resp: 21159
Ion Ratio Lower Upper
43 100
58 35.4 23.1 34.7#



#18
Methyl Acetate
Concen: 0.615 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 43 Resp: 12741
Ion Ratio Lower Upper
43 100
74 10.5 19.4 29.2#

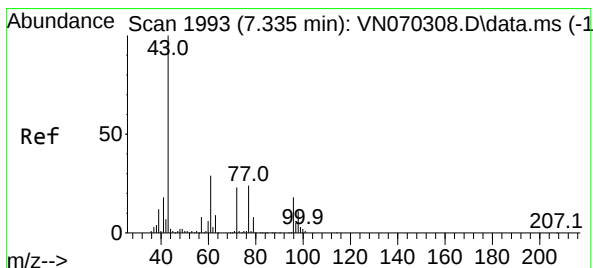
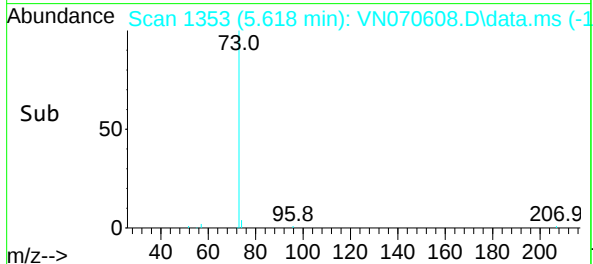
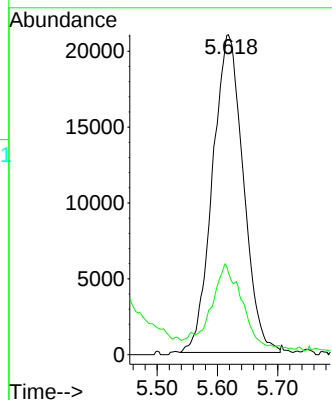
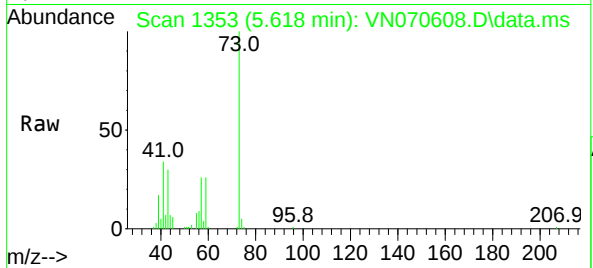




#19
Methyl tert-butyl Ether
Concen: 2.556 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

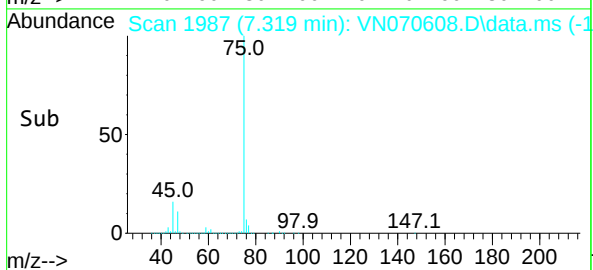
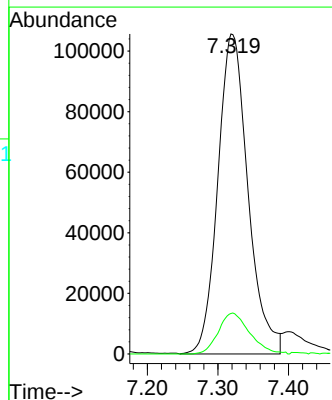
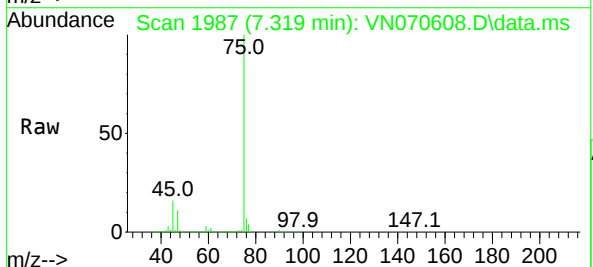
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

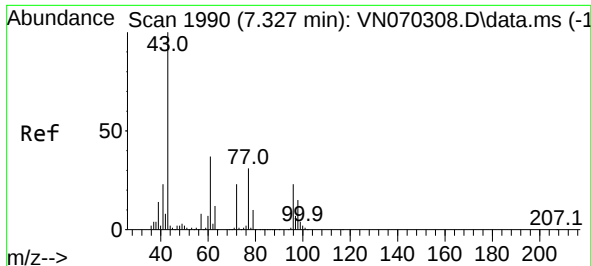
Tgt Ion: 73 Resp: 74196
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2



#25
2-Butanone
Concen: 34.836 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.016 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 43 Resp: 314239
Ion Ratio Lower Upper
43 100
72 12.7 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 26.964 ug/l

RT: 7.316 min Scan# 1990

Delta R.T. -0.011 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

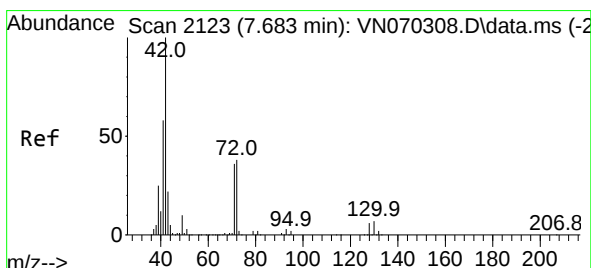
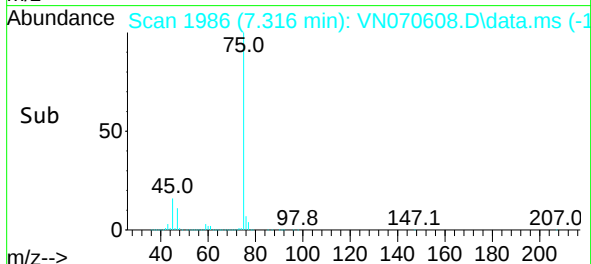
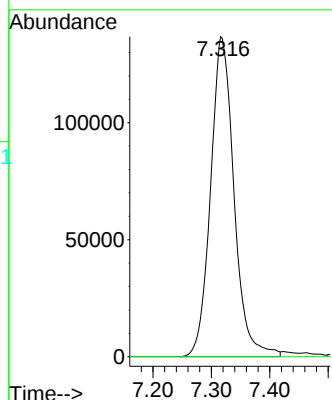
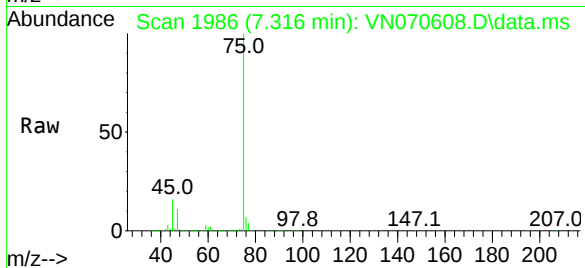
220112014-02-VOA

Tgt Ion: 77 Resp: 380746

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 238.099 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

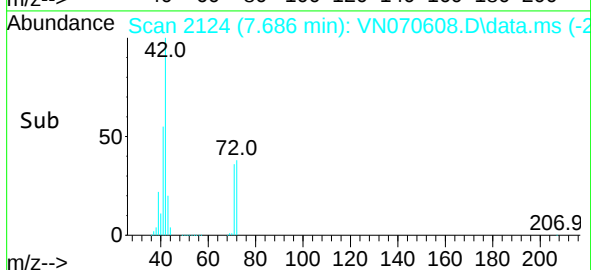
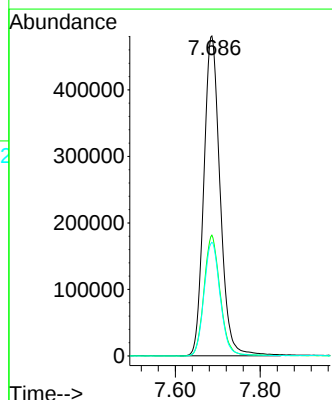
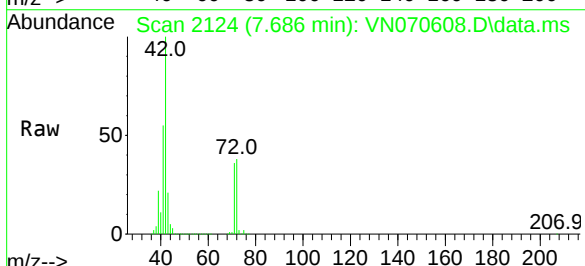
Tgt Ion: 42 Resp: 1281430

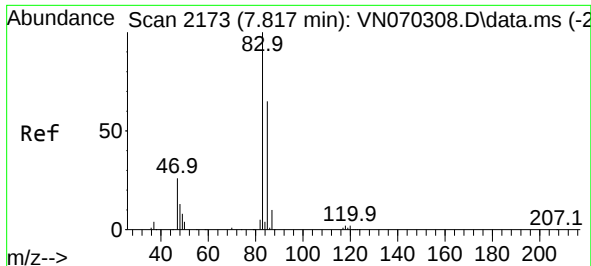
Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

71 35.3 34.7 52.1

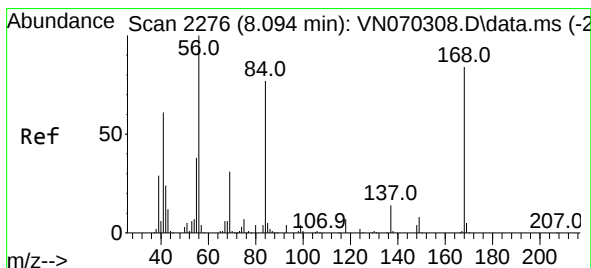
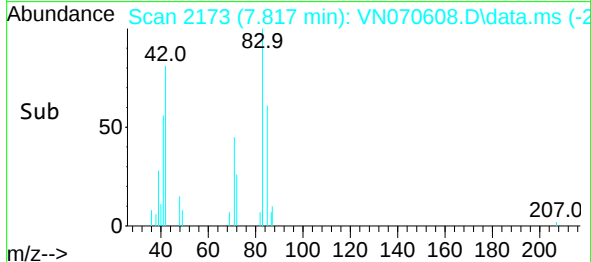
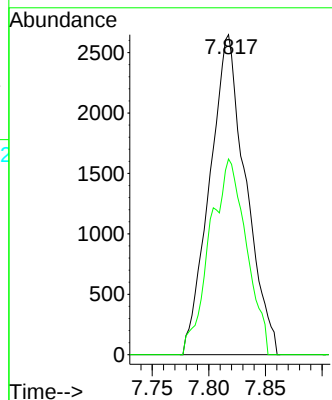
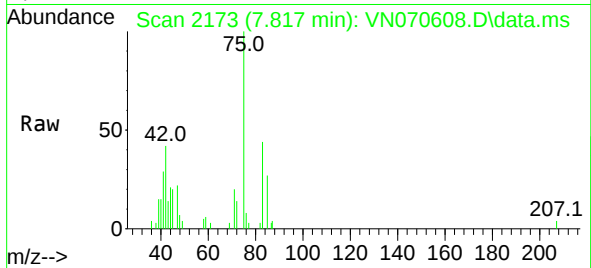




#30
Chloroform
Concen: 0.339 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

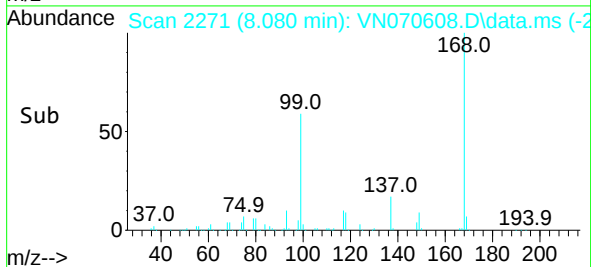
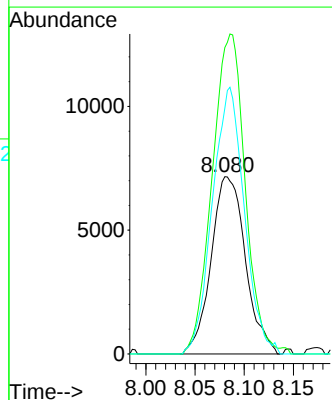
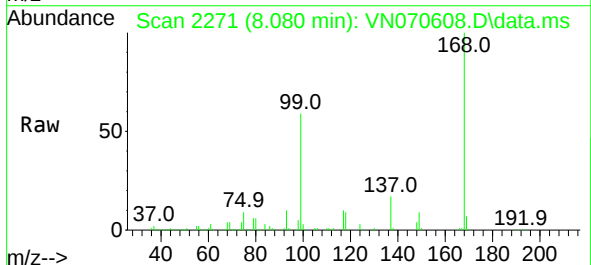
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

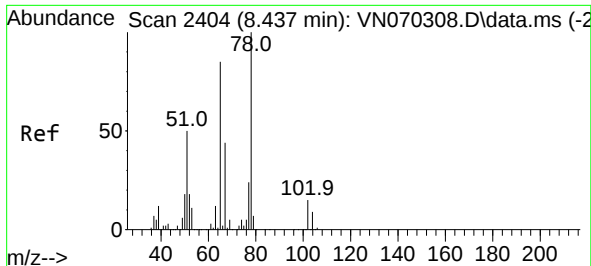
Tgt Ion: 83 Resp: 5862
Ion Ratio Lower Upper
83 100
85 61.2 51.9 77.9



#31
Cyclohexane
Concen: 0.997 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 56 Resp: 17370
Ion Ratio Lower Upper
56 100
69 172.9 27.1 40.7#
84 138.6 73.4 110.0#

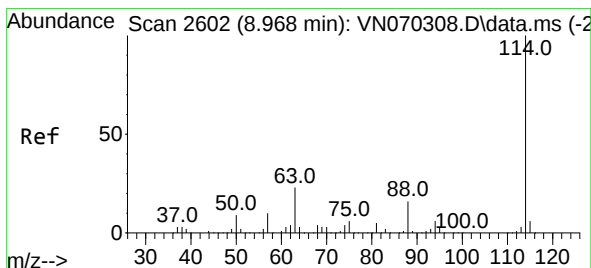
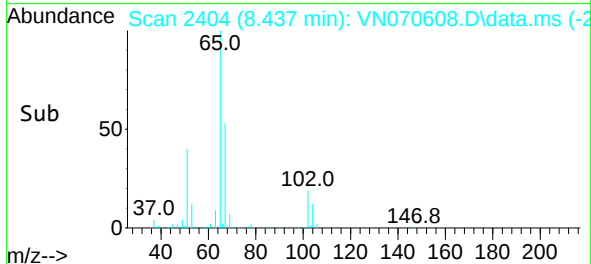
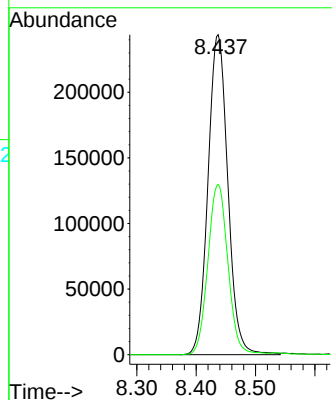
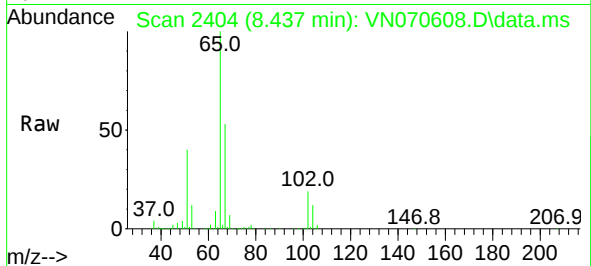




#33
 1,2-Dichloroethane-d4
 Concen: 51.294 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. -0.000 min
 Lab File: VN070608.D
 Acq: 13 Jan 2022 13:42

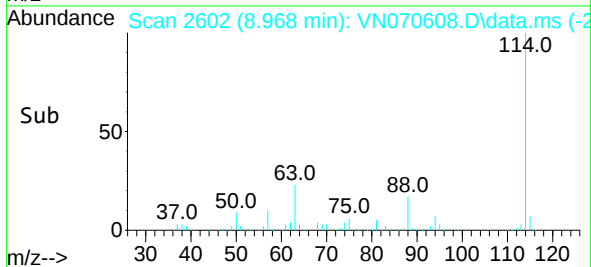
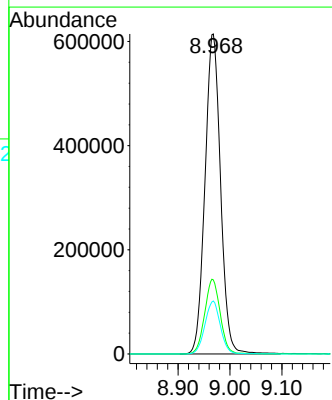
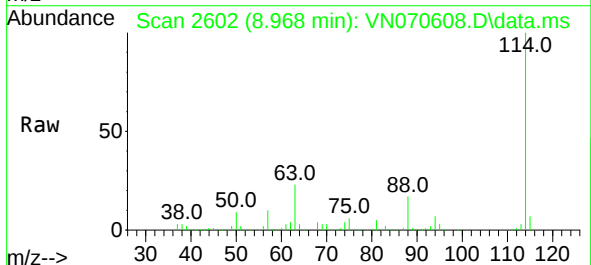
Instrument :
 MSVOA_N
 ClientSampleId :
 220112014-02-VOA

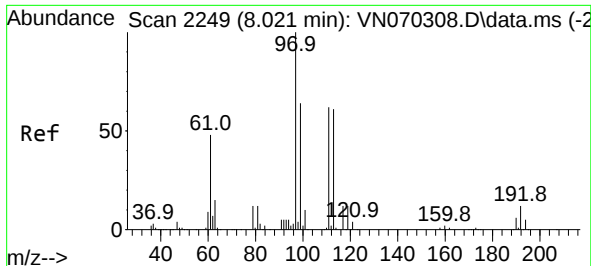
Tgt Ion: 65 Resp: 566087
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070608.D
 Acq: 13 Jan 2022 13:42

Tgt Ion: 114 Resp: 1278330
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.8
 88 16.5 0.0 27.4

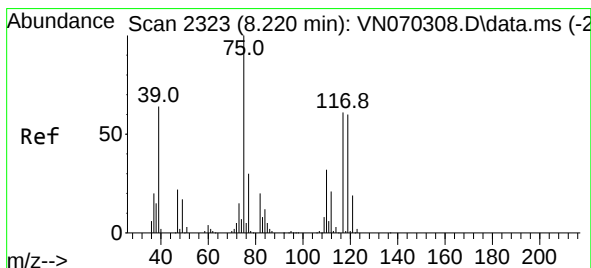
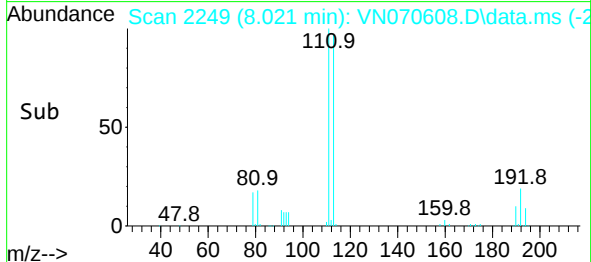
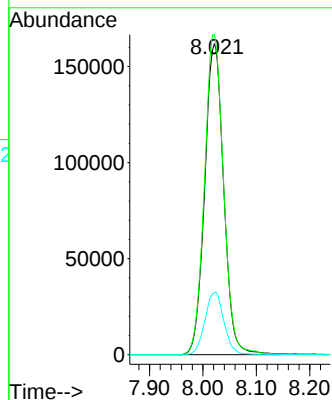
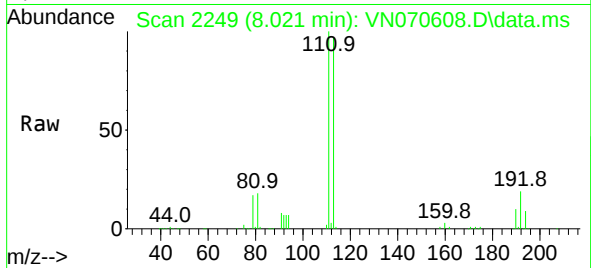




#35
Dibromofluoromethane
Concen: 51.821 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

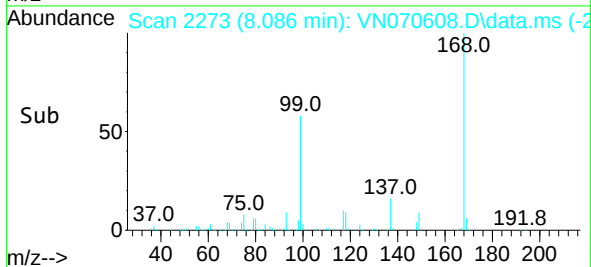
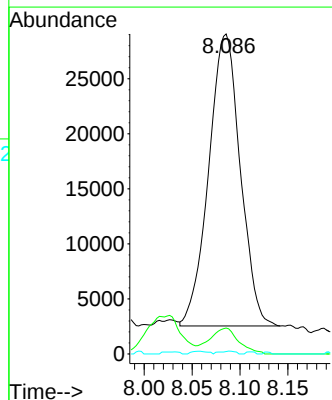
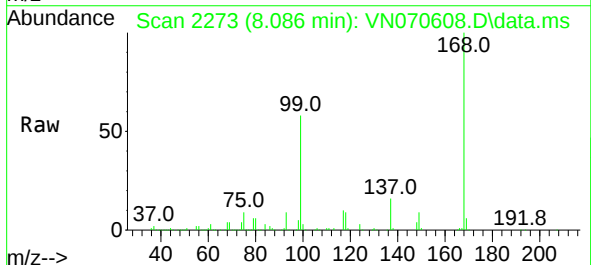
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

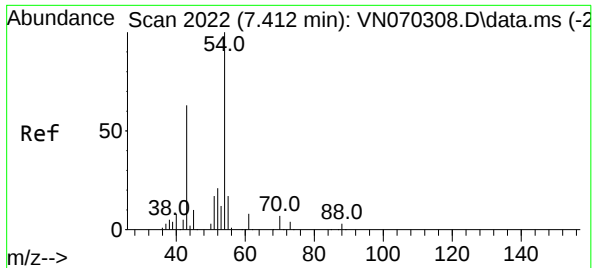
Tgt Ion:113 Resp: 400808
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 75 Resp: 60913
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.5 24.4 36.6#

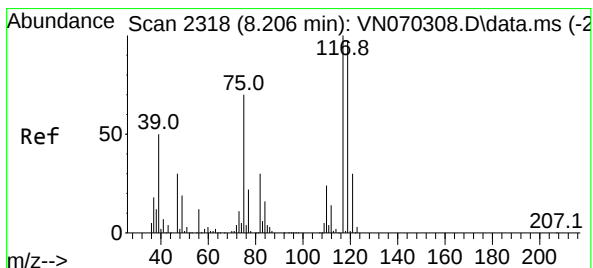
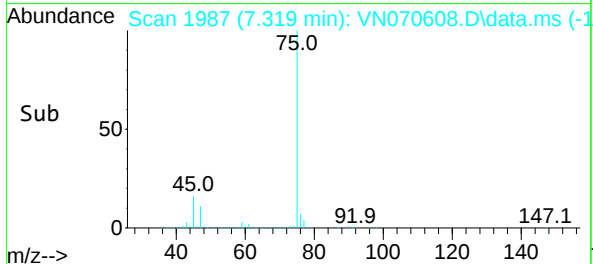
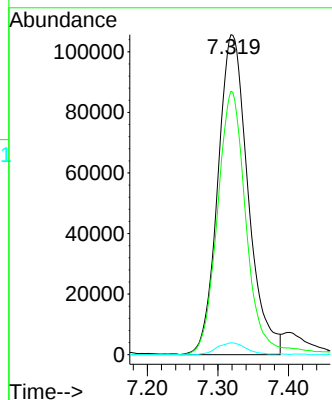
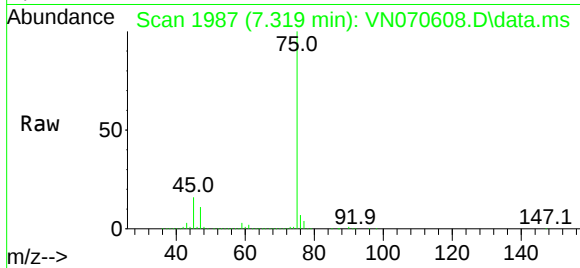




#37
Ethyl Acetate
Concen: 18.947 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.093 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

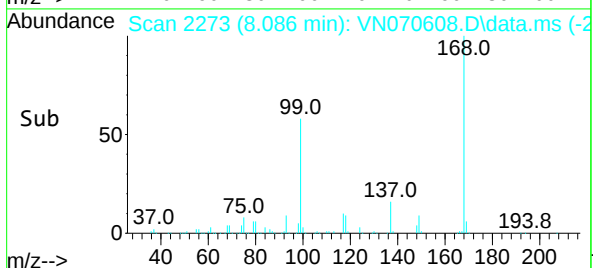
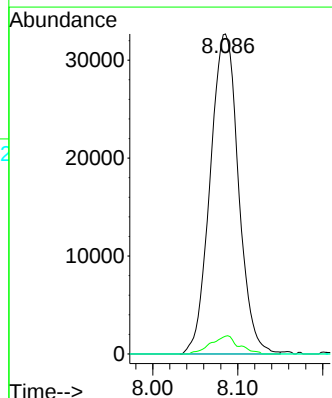
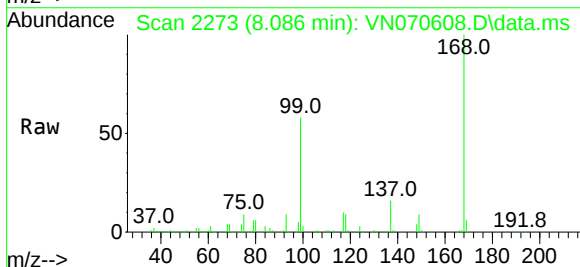
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

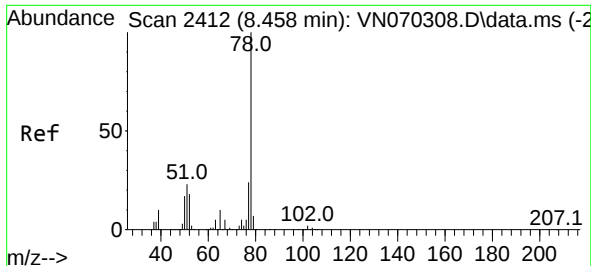
Tgt Ion: 43 Resp: 314239
Ion Ratio Lower Upper
43 100
61 79.5 11.5 17.3#
70 3.6 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 117 Resp: 75576
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#





#40

Benzene

Concen: 1.004 ug/l

RT: 8.456 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

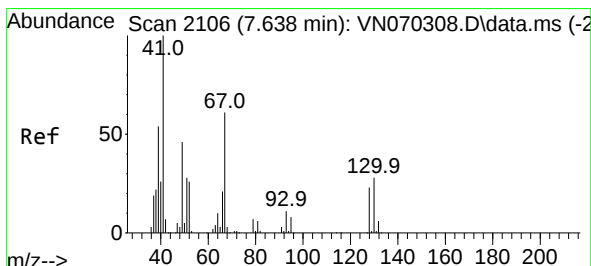
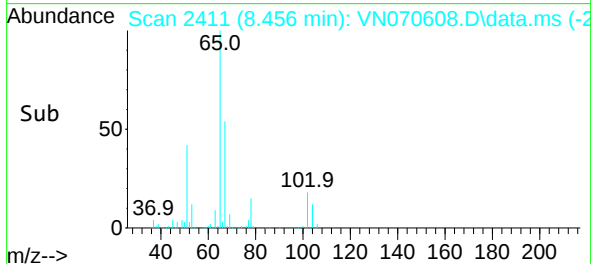
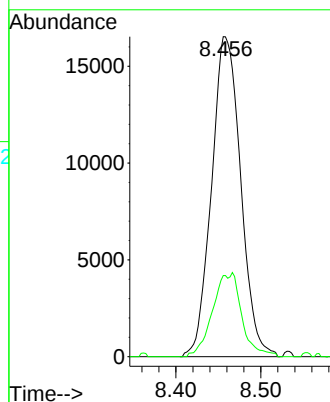
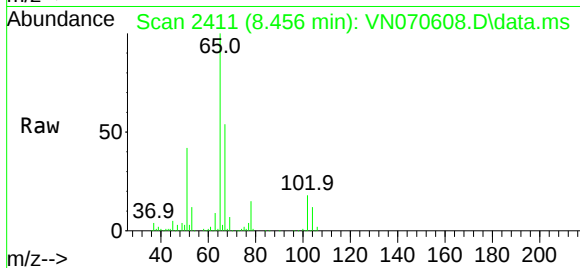
220112014-02-VOA

Tgt Ion: 78 Resp: 39391

Ion Ratio Lower Upper

78 100

77 25.3 18.6 27.8



#41

Methacrylonitrile

Concen: 84.271 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.048 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

Tgt Ion: 41 Resp: 699068

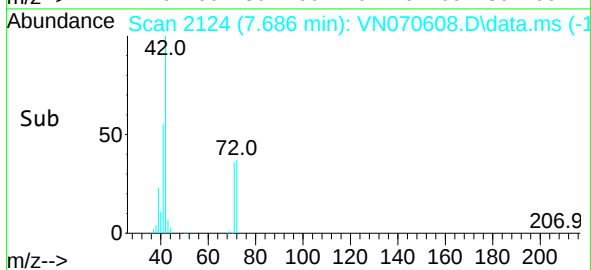
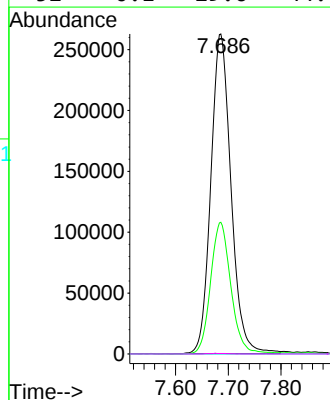
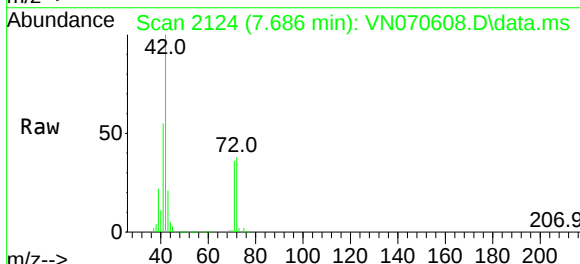
Ion Ratio Lower Upper

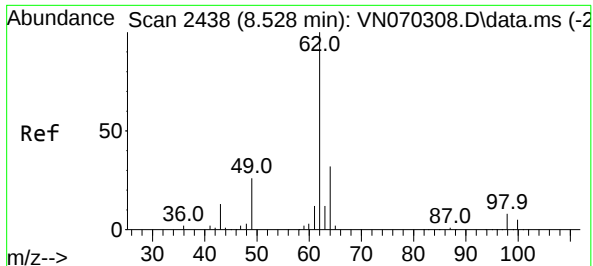
41 100

39 41.5 48.1 72.1#

67 0.0 68.3 102.5#

52 0.1 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 0.211 ug/l

RT: 8.523 min Scan# 2436

Delta R.T. -0.005 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

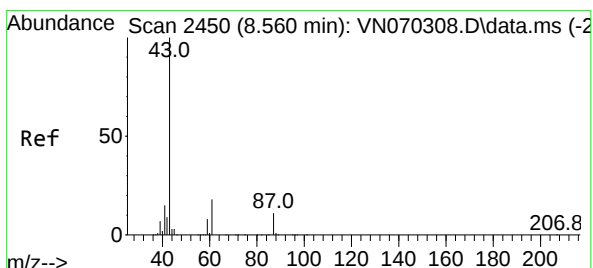
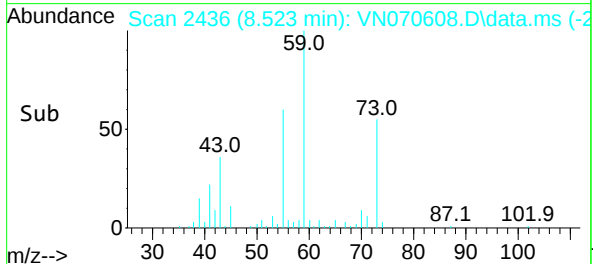
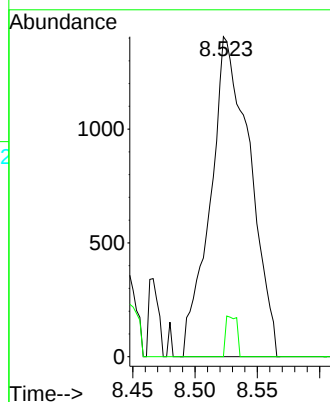
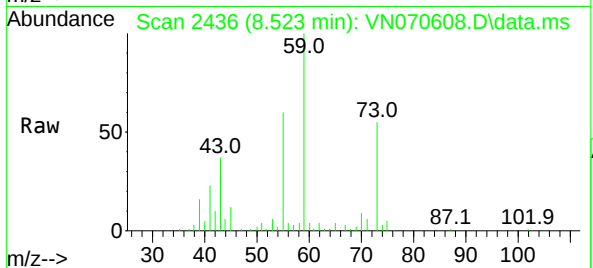
220112014-02-VOA

Tgt Ion: 62 Resp: 3116

Ion Ratio Lower Upper

62 100

98 3.6 0.0 17.6



#43

Isopropyl Acetate

Concen: 1.590 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.029 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

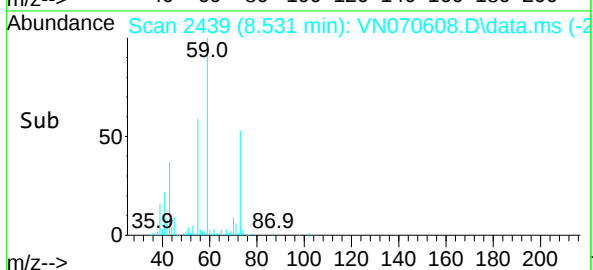
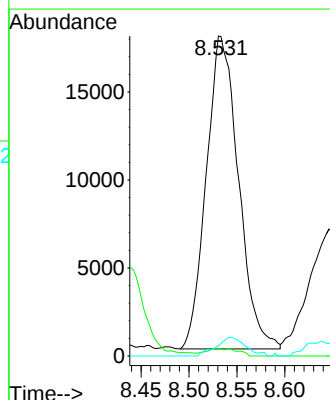
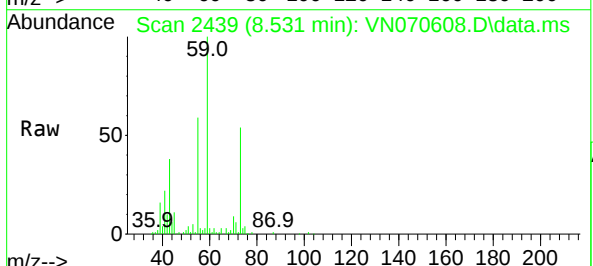
Tgt Ion: 43 Resp: 41580

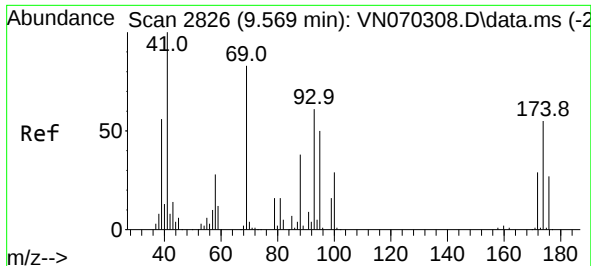
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

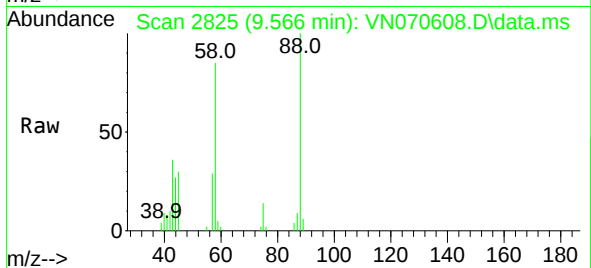
87 5.2 11.2 16.8#



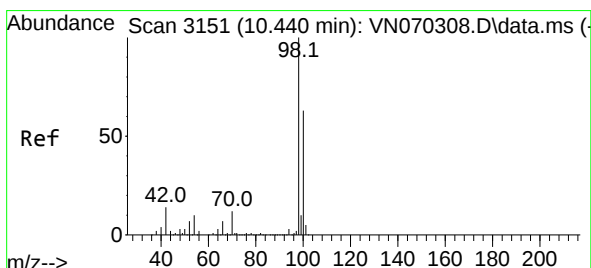
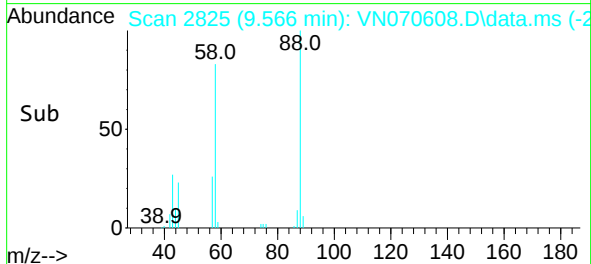
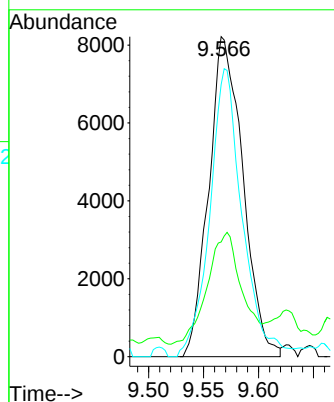


#49
1,4-Dioxane
Concen: 97.182 ug/l
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

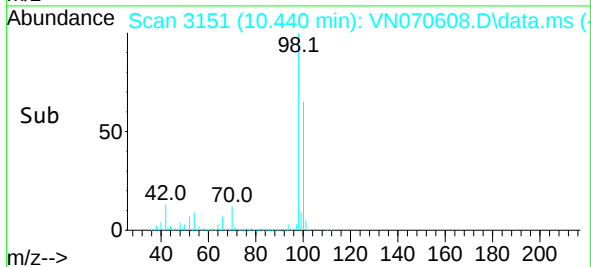
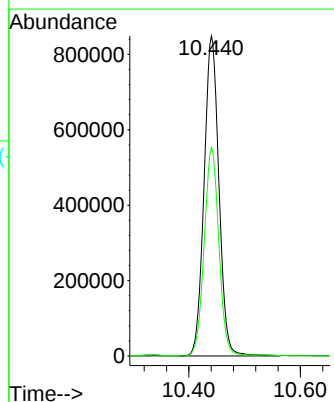
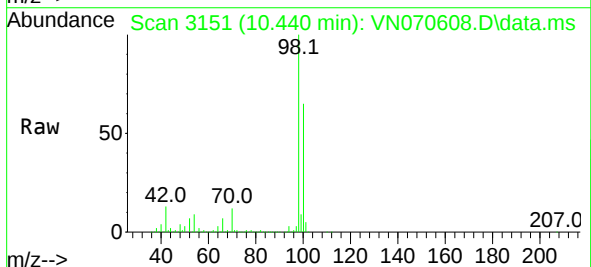


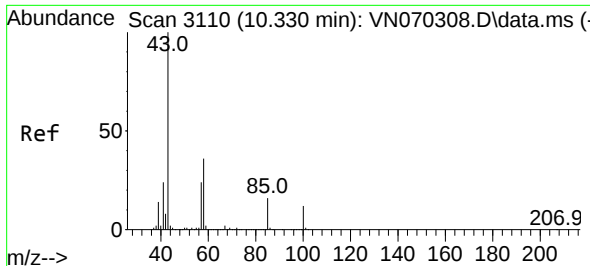
Tgt Ion: 88 Resp: 17743
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 85.5 50.6 75.8#



#50
Toluene-d8
Concen: 49.675 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 98 Resp: 1569551
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

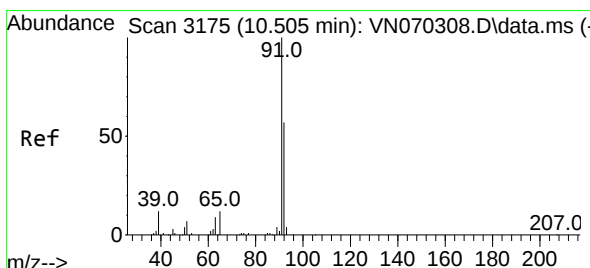
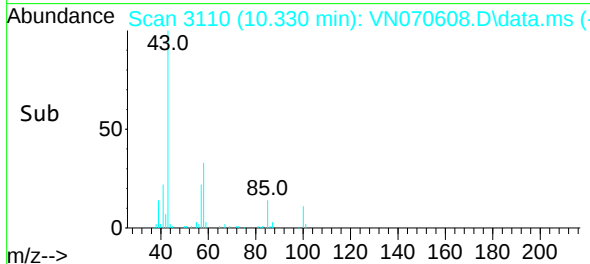
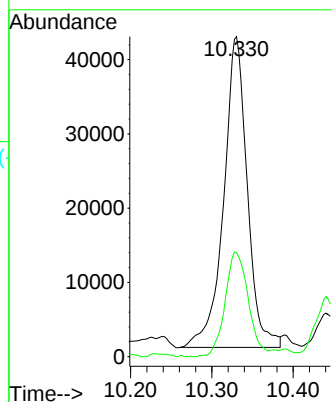
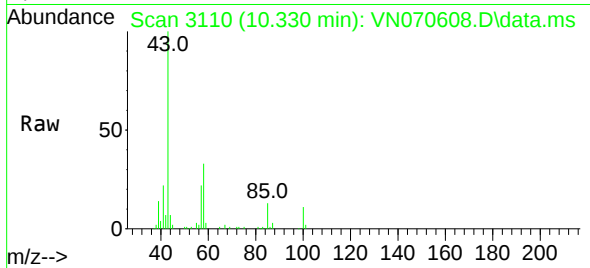




#51
4-Methyl-2-Pentanone
Concen: 5.143 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

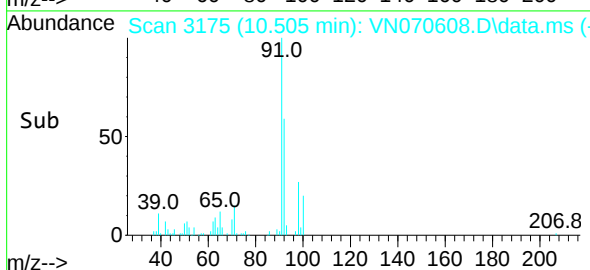
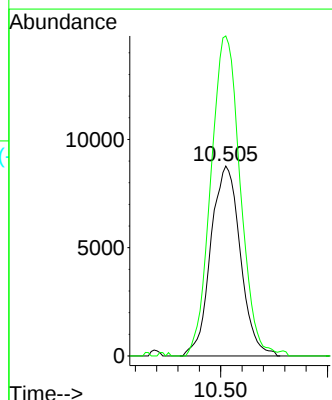
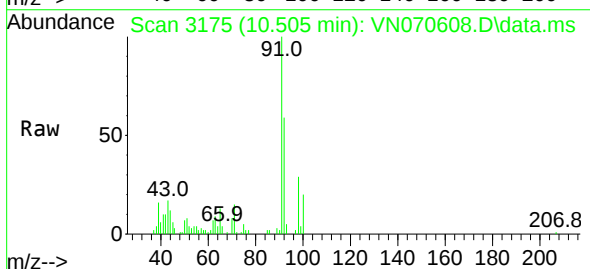
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

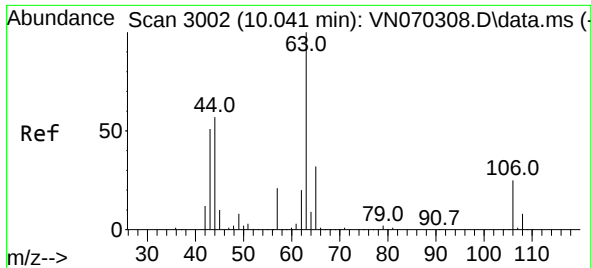
Tgt Ion: 43 Resp: 84508
Ion Ratio Lower Upper
43 100
58 33.1 30.4 45.6



#52
Toluene
Concen: 0.711 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 92 Resp: 16873
Ion Ratio Lower Upper
92 100
91 166.9 142.0 213.0

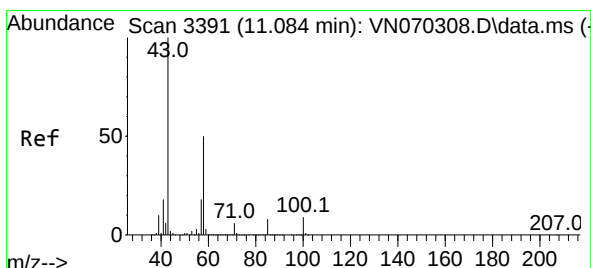
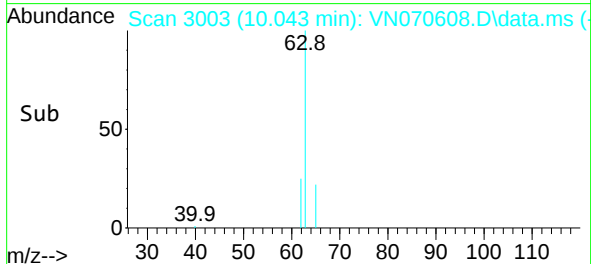
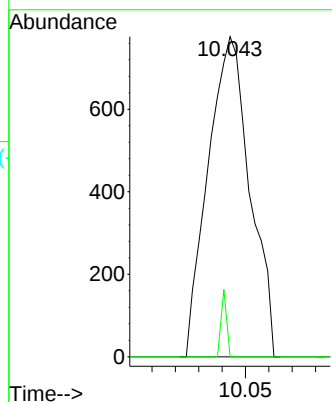
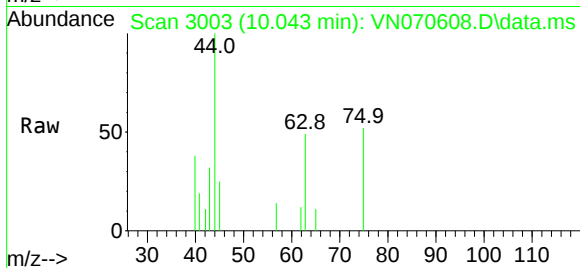




#58
2-Chloroethyl Vinyl ether
Concen: 18.739 ug/l
RT: 10.043 min Scan# 3002
Delta R.T. 0.002 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

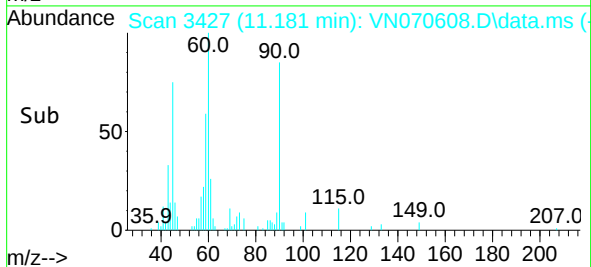
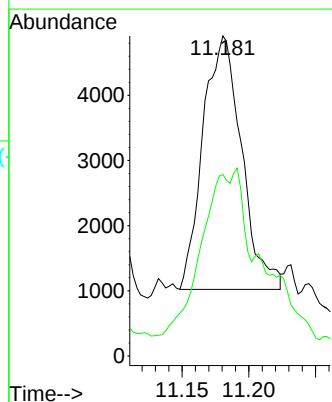
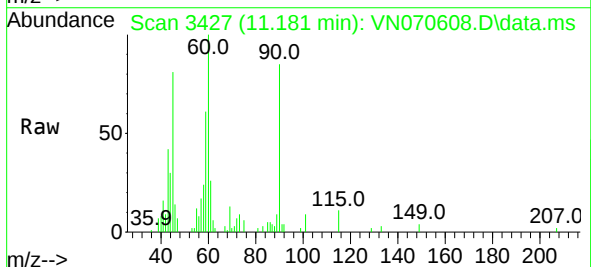
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

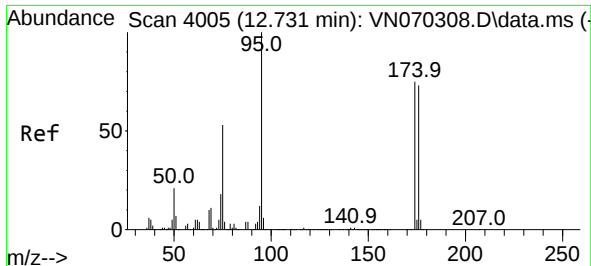
Tgt Ion: 63 Resp: 967
Ion Ratio Lower Upper
63 100
106 2.7 23.9 35.9#



#59
2-Hexanone
Concen: 0.654 ug/l
RT: 11.181 min Scan# 3427
Delta R.T. 0.097 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 43 Resp: 7841
Ion Ratio Lower Upper
43 100
58 48.3 26.9 80.7

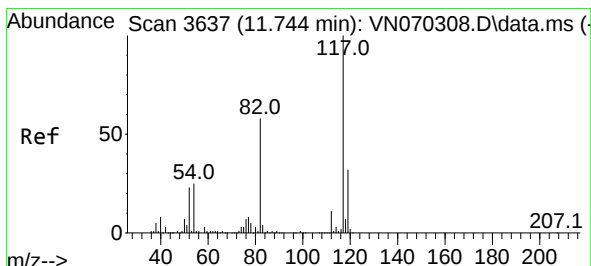
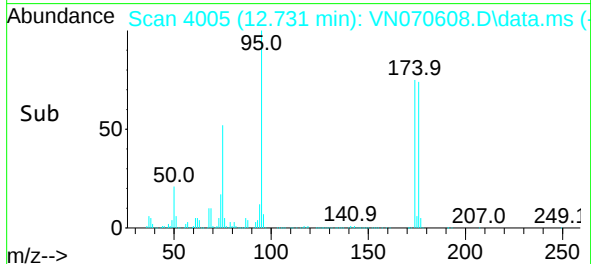
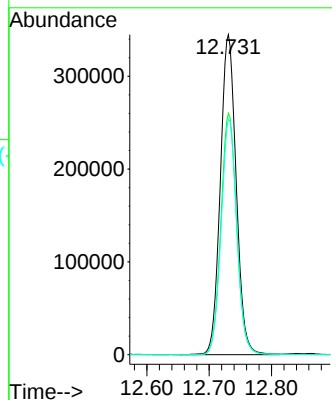
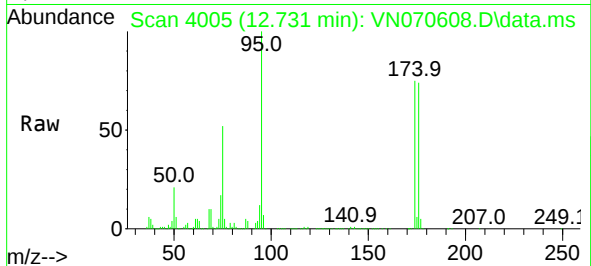




#62
4-Bromofluorobenzene
Concen: 53.355 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

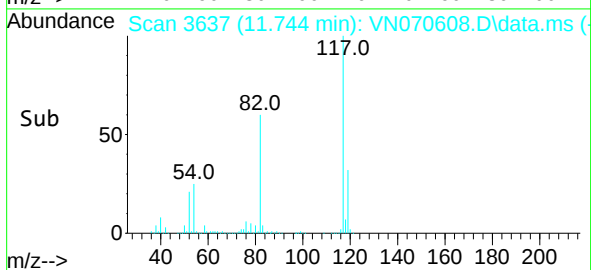
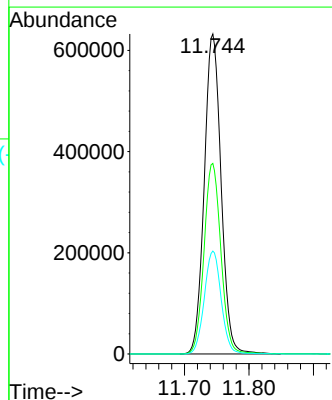
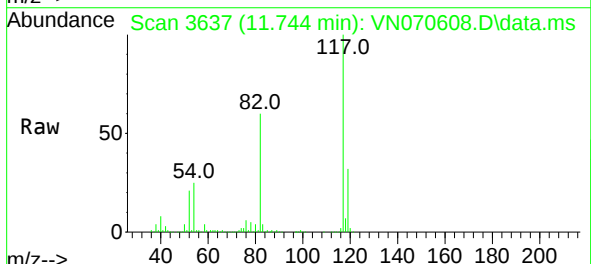
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

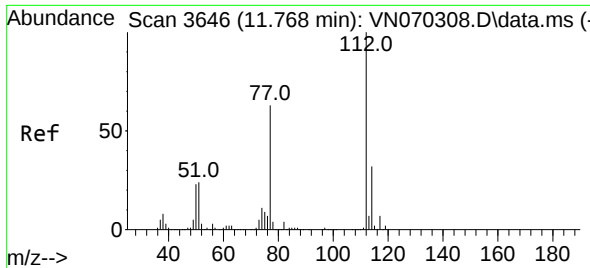
Tgt Ion: 95 Resp: 608880
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 117 Resp: 1148572
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.1 25.4 38.2

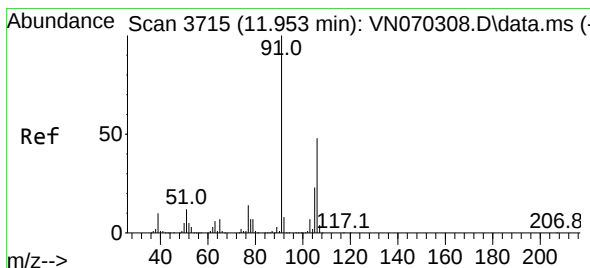
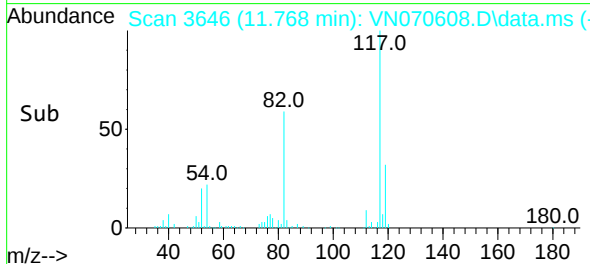
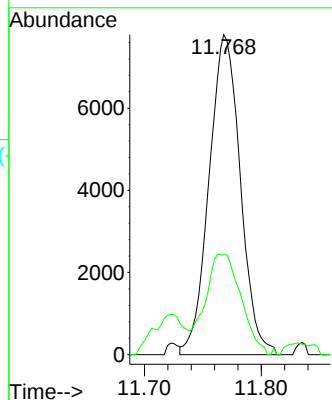
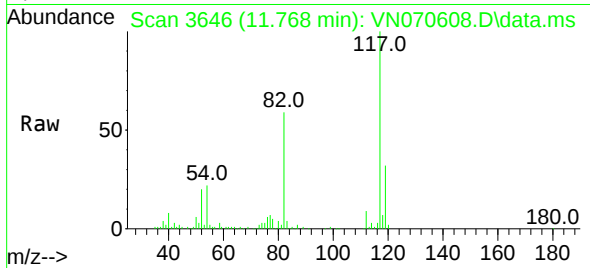




#65
Chlorobenzene
Concen: 0.594 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

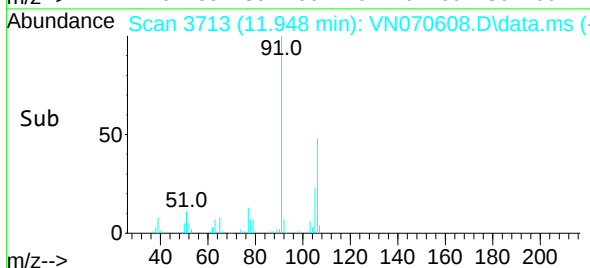
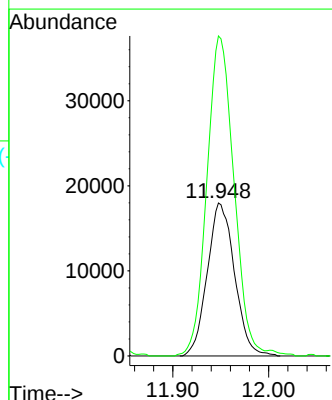
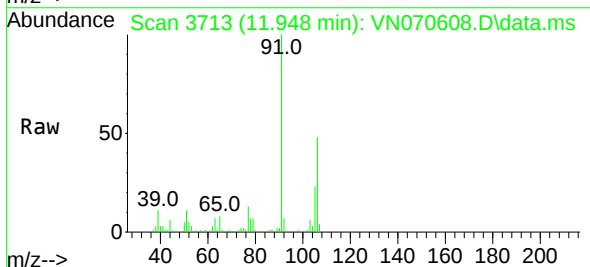
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

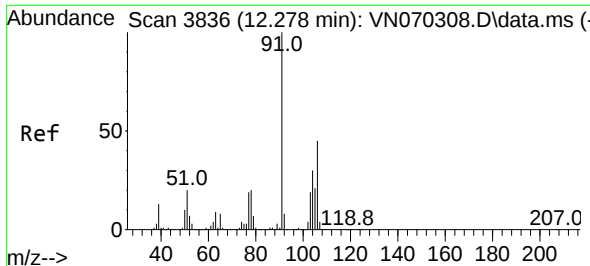
Tgt Ion:112 Resp: 14473
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 2.186 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion:106 Resp: 35528
Ion Ratio Lower Upper
106 100
91 206.8 160.6 240.8

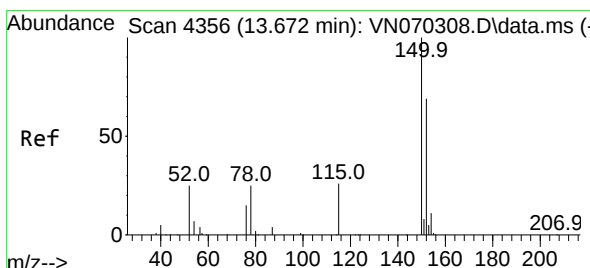
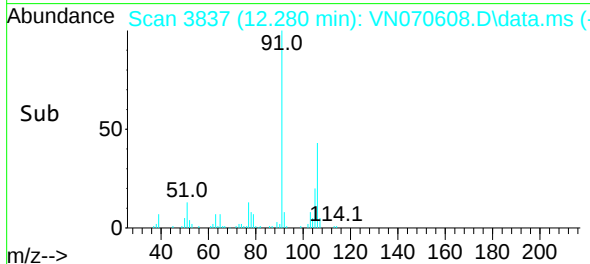
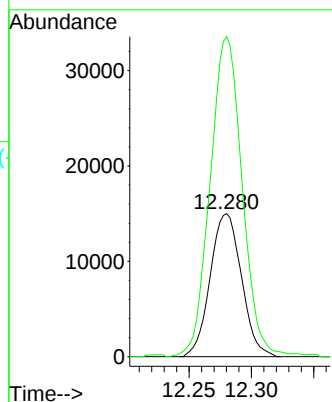
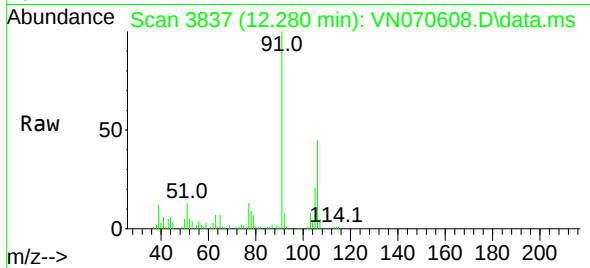




#69
o-Xylene
Concen: 1.618 ug/l
RT: 12.280 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

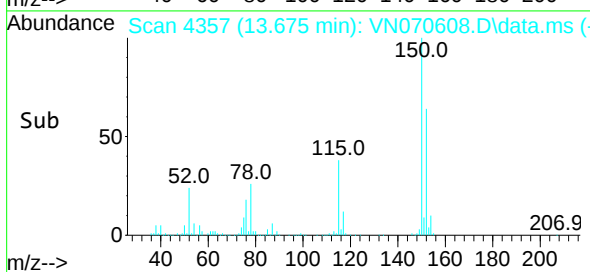
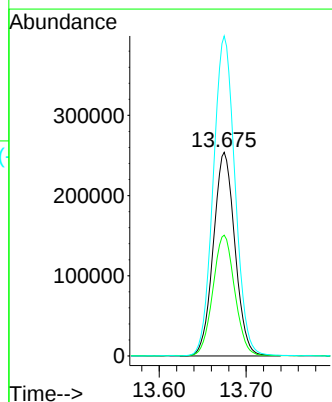
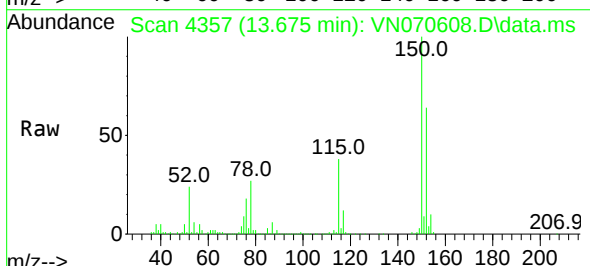
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

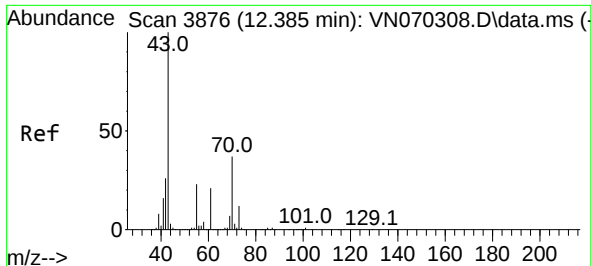
Tgt Ion:106 Resp: 26158
Ion Ratio Lower Upper
106 100
91 229.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion:152 Resp: 438235
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 158.7 0.0 344.4

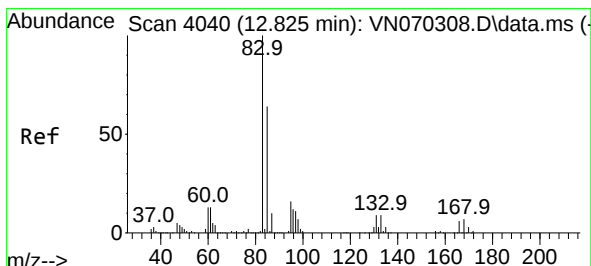
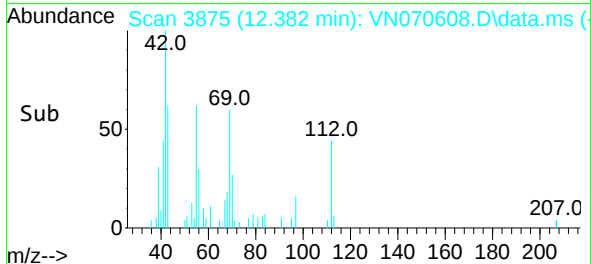
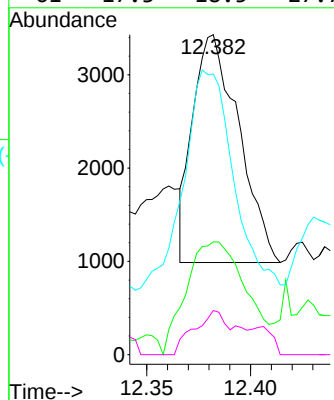
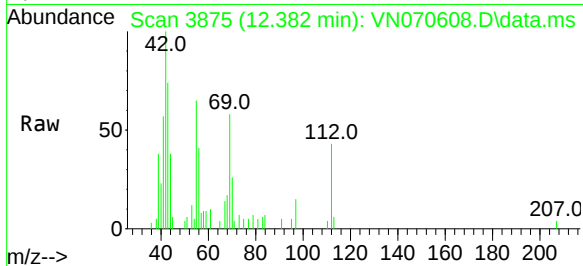




#74
N-amy1 acetate
Concen: 0.220 ug/l
RT: 12.382 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

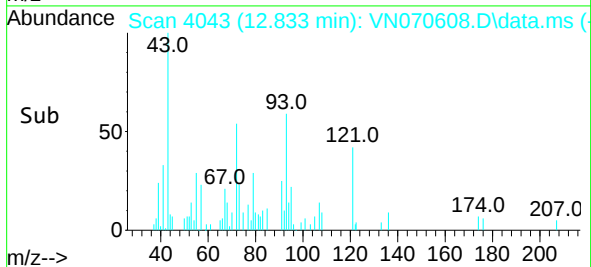
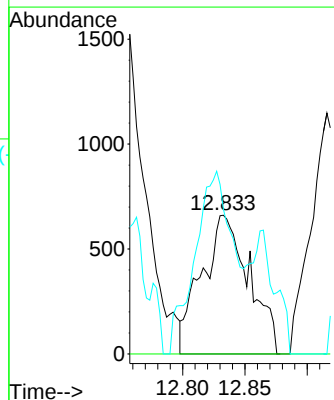
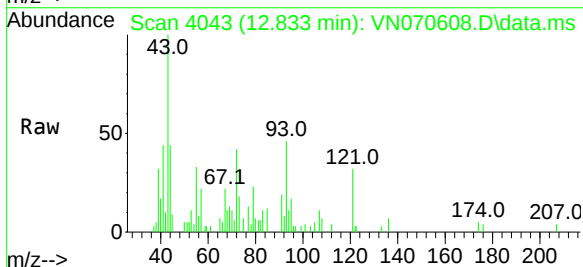
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

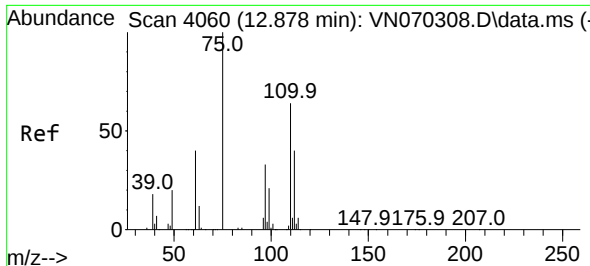
Tgt Ion: 43	Resp:	3756	
Ion	Ratio	Lower	Upper
43	100		
70	64.1	33.4	50.0#
55	101.3	19.3	28.9#
61	17.3	18.5	27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.564 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.008 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 83	Resp:	1739	
Ion Ratio	Lower	Upper	
83	100		
131	0.0	5.5	16.5#
85	106.3	32.4	97.2#

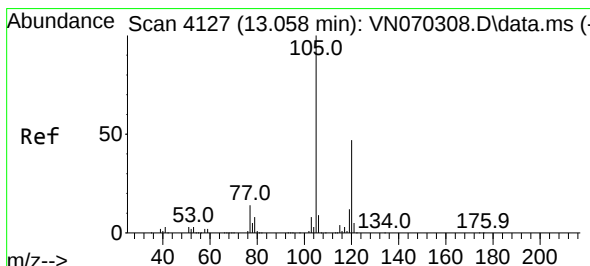
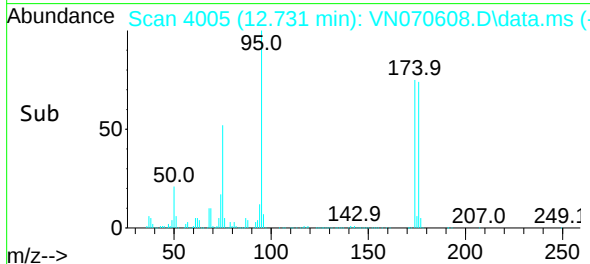
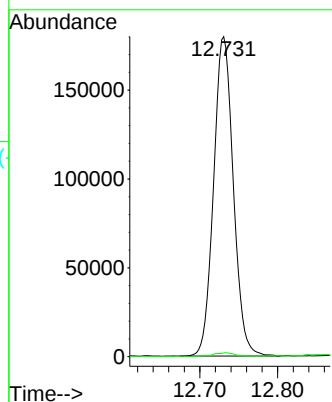
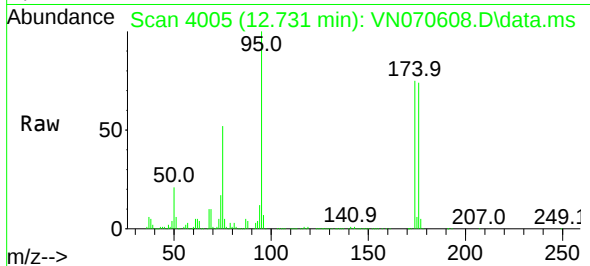




#76
 1,2,3-Trichloropropane
 Concen: 25.756 ug/l
 RT: 12.731 min Scan# 4060
 Delta R.T. -0.147 min
 Lab File: VN070608.D
 Acq: 13 Jan 2022 13:42

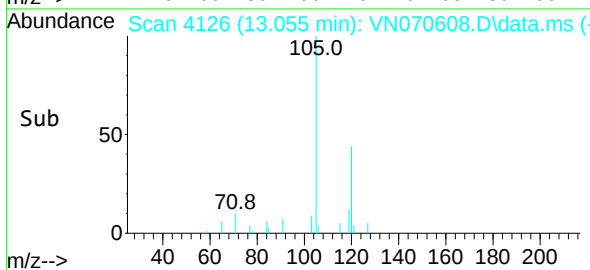
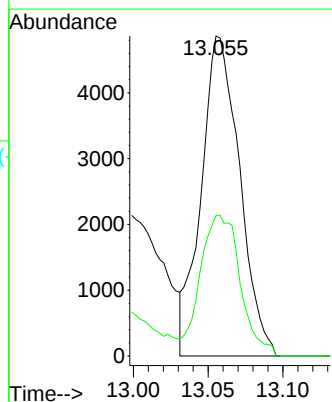
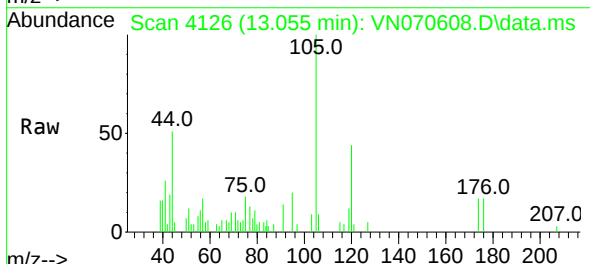
Instrument :
 MSVOA_N
 ClientSampleId :
 220112014-02-VOA

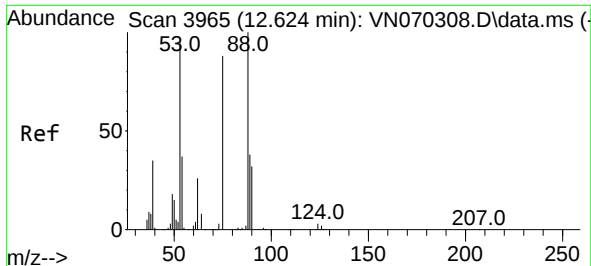
Tgt Ion: 75 Resp: 315962
 Ion Ratio Lower Upper
 75 100
 77 1.5 82.6 247.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.267 ug/l
 RT: 13.055 min Scan# 4126
 Delta R.T. -0.003 min
 Lab File: VN070608.D
 Acq: 13 Jan 2022 13:42

Tgt Ion: 105 Resp: 8703
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.6 73.6

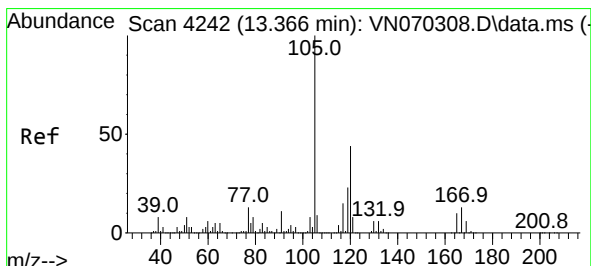
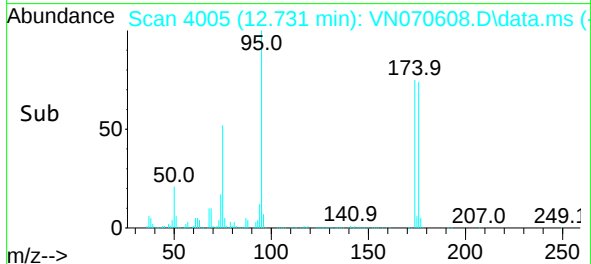
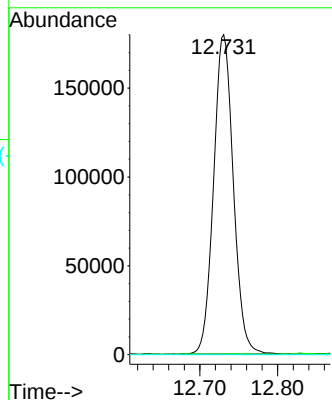
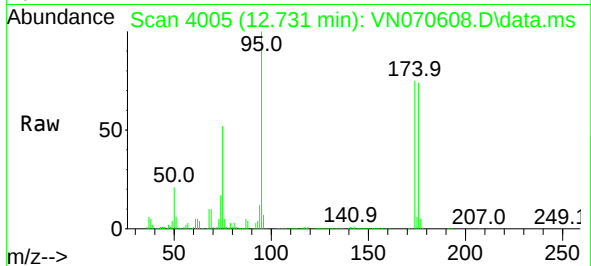




#81
trans-1,4-Dichloro-2-butene
Concen: 88.088 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

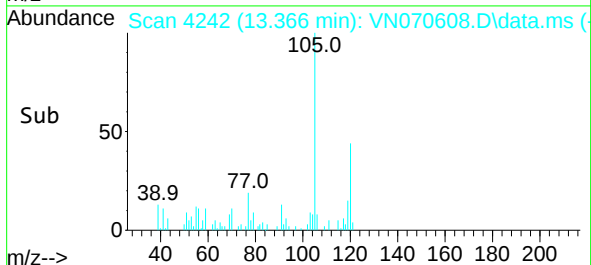
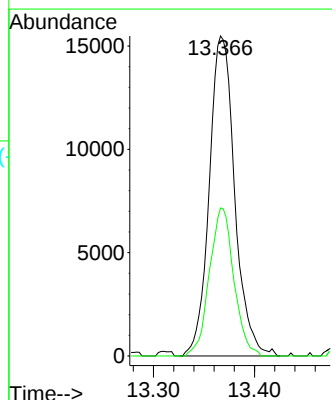
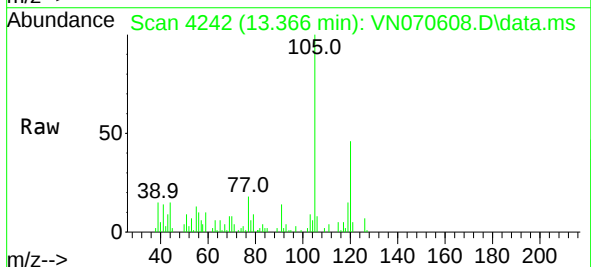
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

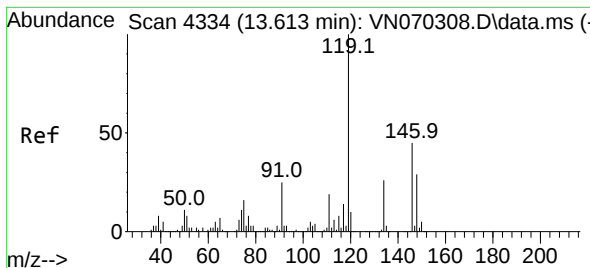
Tgt Ion: 75 Resp: 315962
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.864 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion: 105 Resp: 27122
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





#86

p-Isopropyltoluene

Concen: 0.271 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.003 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

Instrument :

MSVOA_N

ClientSampleId :

220112014-02-VOA

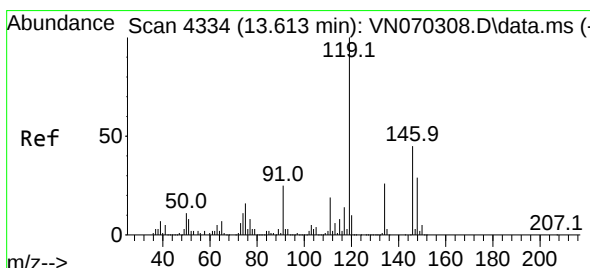
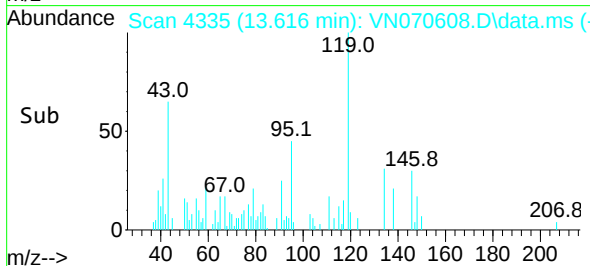
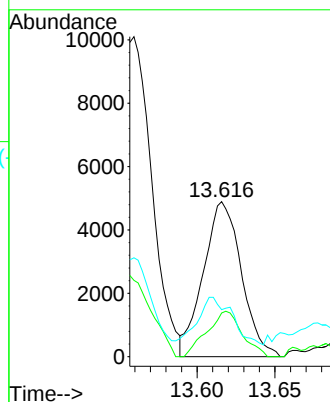
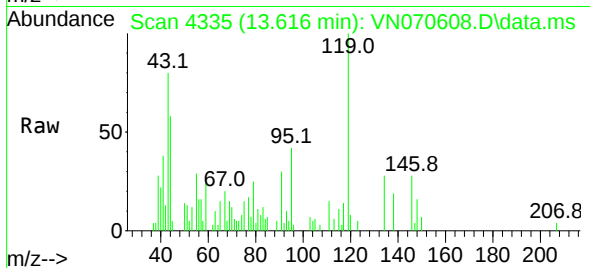
Tgt Ion:119 Resp: 8307

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 28.5 11.4 34.1



#87

1,3-Dichlorobenzene

Concen: 2.926 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. 0.081 min

Lab File: VN070608.D

Acq: 13 Jan 2022 13:42

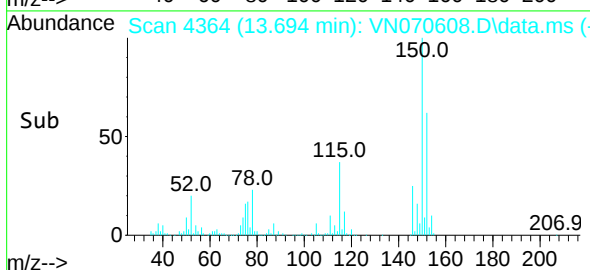
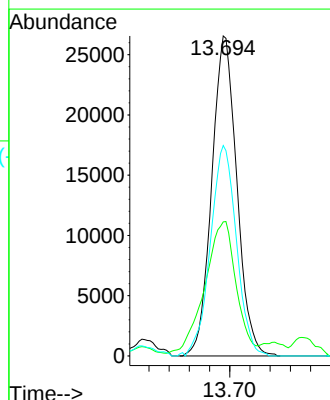
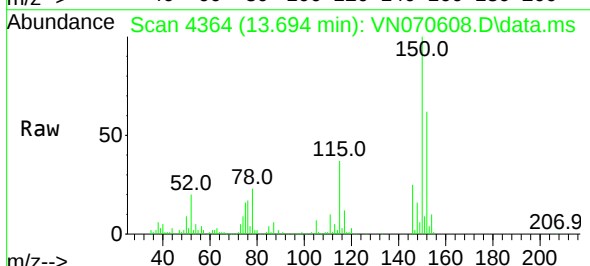
Tgt Ion:146 Resp: 45770

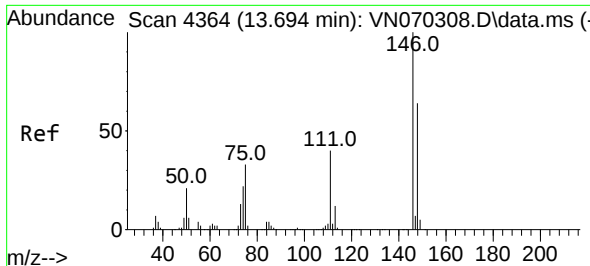
Ion Ratio Lower Upper

146 100

111 50.7 18.6 55.6

148 68.3 31.6 95.0

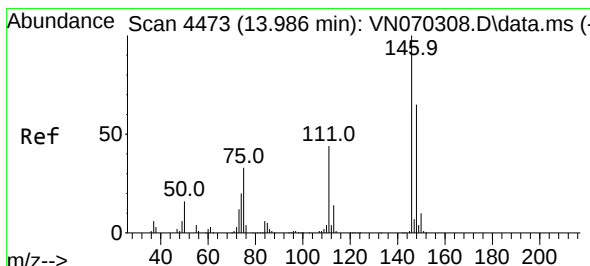
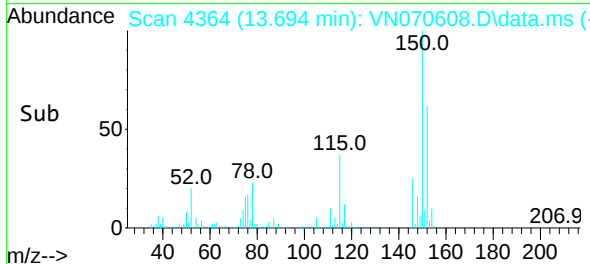
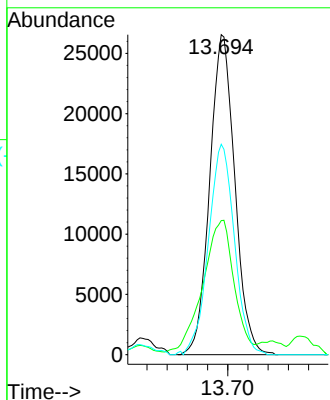
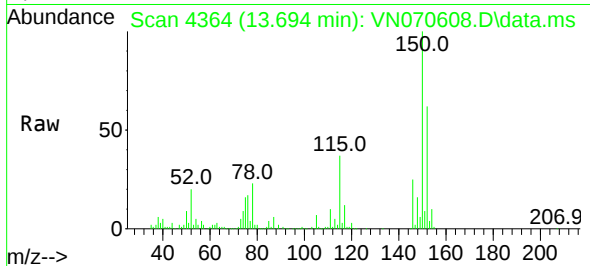




#88
1,4-Dichlorobenzene
Concen: 2.967 ug/l
RT: 13.694 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

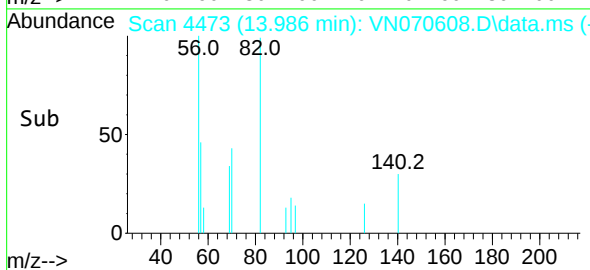
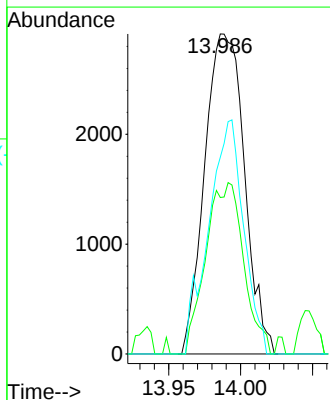
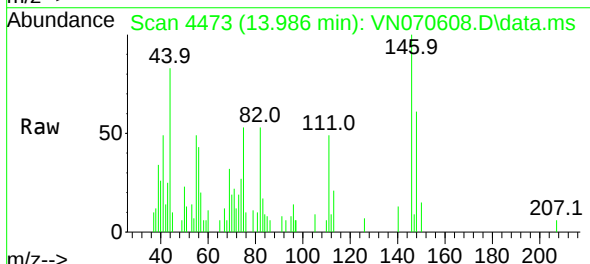
Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

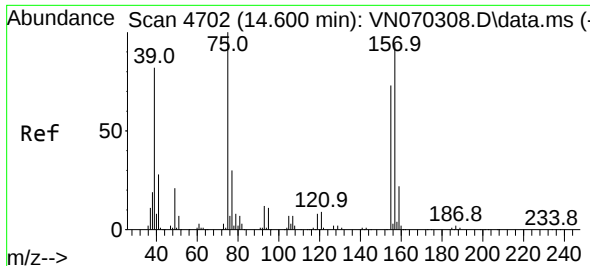
Tgt Ion:146 Resp: 45770
Ion Ratio Lower Upper
146 100
111 50.7 18.3 54.8
148 68.3 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 0.366 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion:146 Resp: 5610
Ion Ratio Lower Upper
146 100
111 51.1 19.1 57.3
148 64.4 32.1 96.3

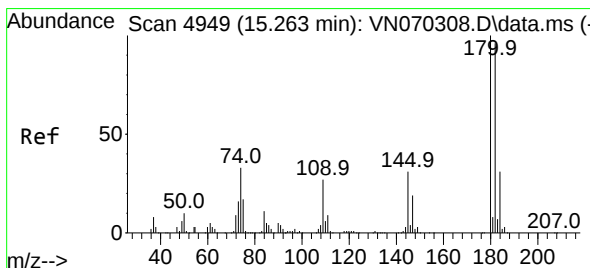
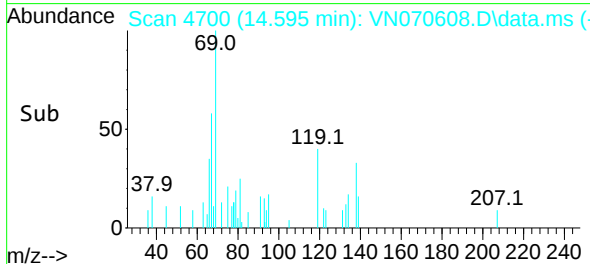
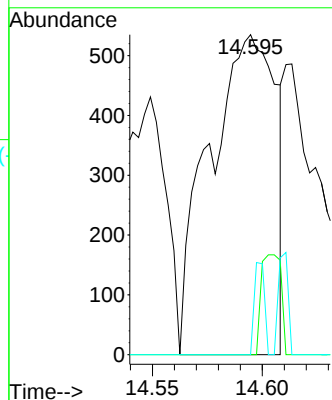
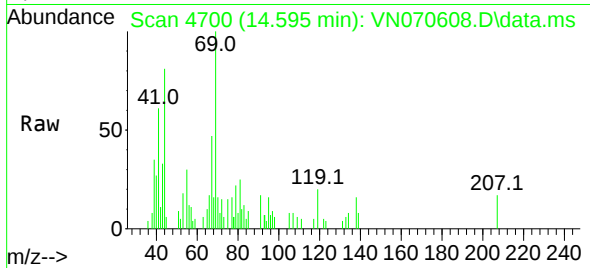




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.477 ug/l
 RT: 14.595 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: VN070608.D
 Acq: 13 Jan 2022 13:42

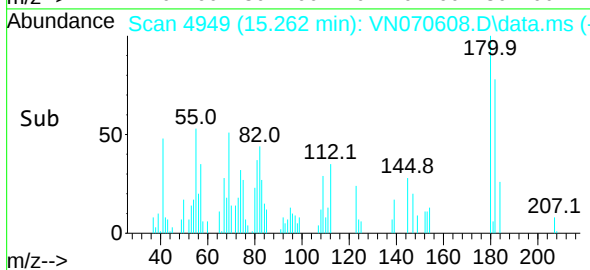
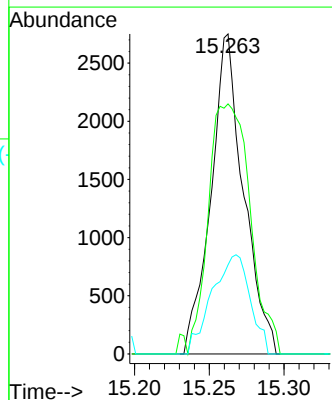
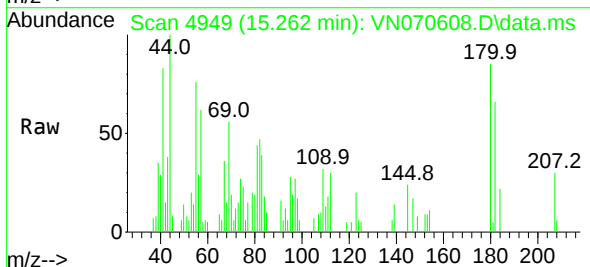
Instrument :
 MSVOA_N
 ClientSampleId :
 220112014-02-VOA

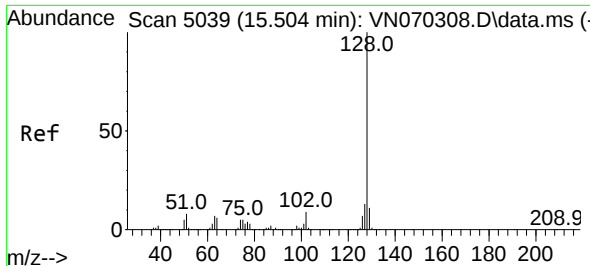
Tgt Ion: 75 Resp: 1125
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 4.4 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.576 ug/l
 RT: 15.262 min Scan# 4949
 Delta R.T. -0.001 min
 Lab File: VN070608.D
 Acq: 13 Jan 2022 13:42

Tgt Ion: 180 Resp: 4161
 Ion Ratio Lower Upper
 180 100
 182 100.1 48.3 144.9
 145 36.3 14.5 43.5

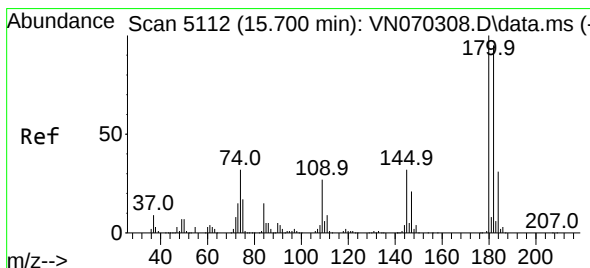
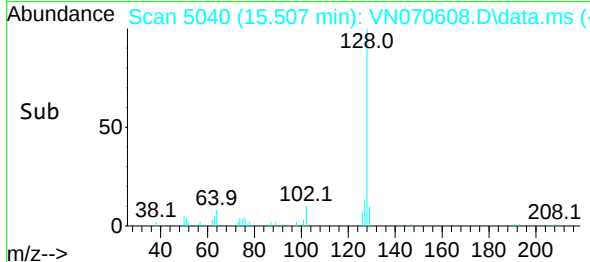
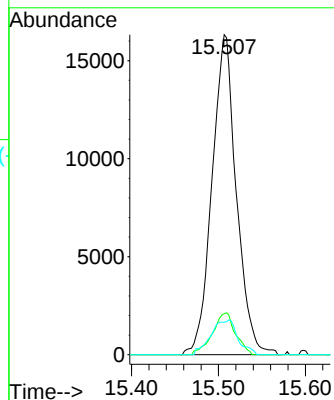
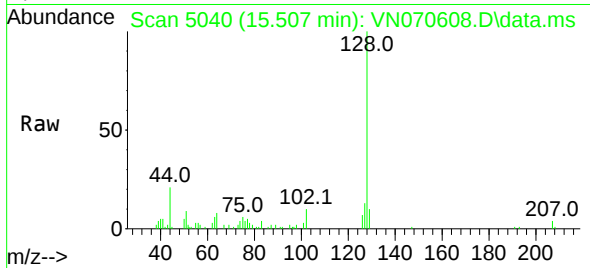




#95
Naphthalene
Concen: 3.333 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Instrument :
MSVOA_N
ClientSampleId :
220112014-02-VOA

Tgt Ion:128	Resp:	31808
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.5 15.7
129	12.0	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.574 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070608.D
Acq: 13 Jan 2022 13:42

Tgt Ion:180	Resp:	5259
Ion Ratio	Lower	Upper
180	100	
182	83.6	47.4 142.2
145	24.6	15.0 45.1

